



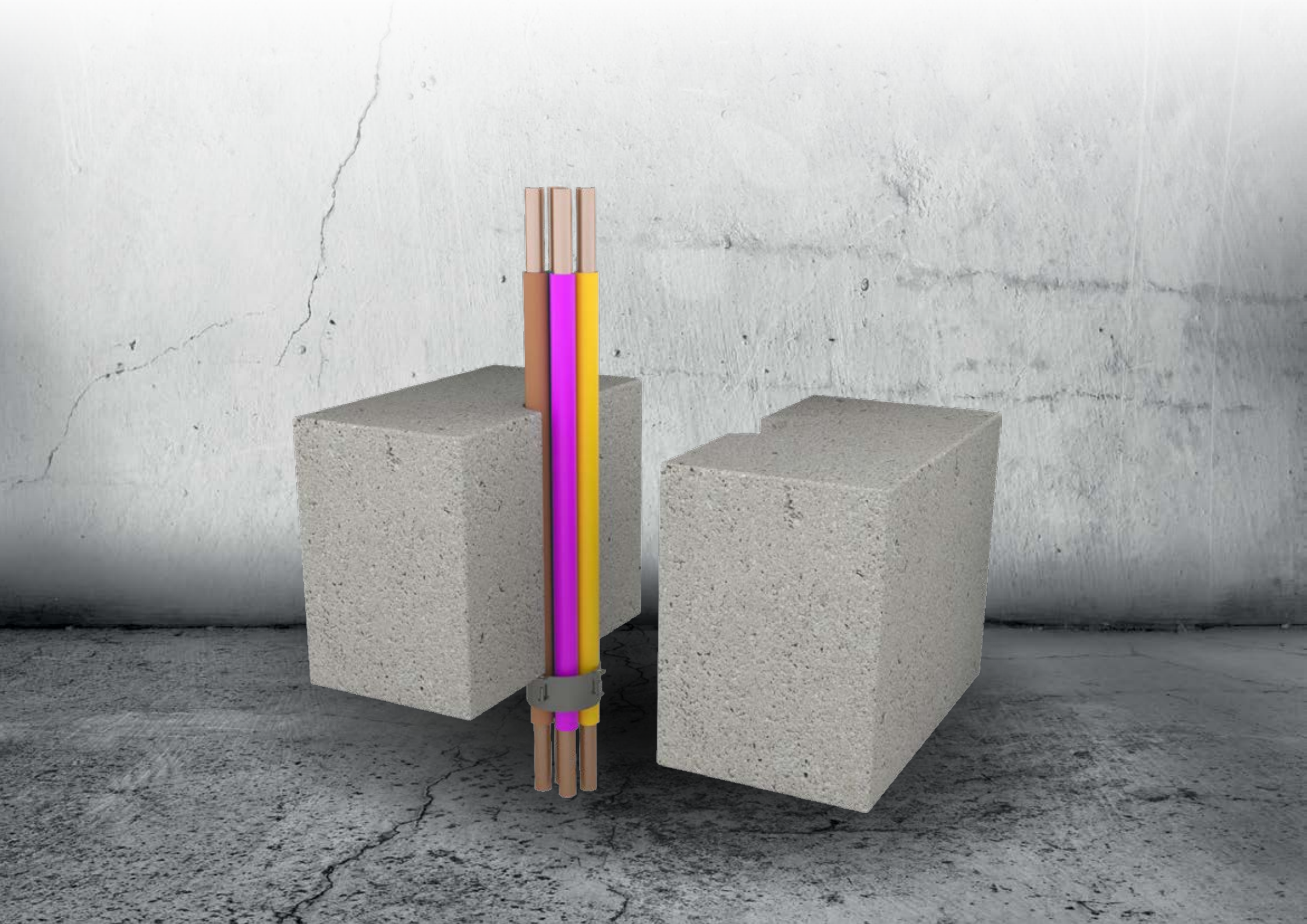
TECHNICAL HANDBOOK

FIRE STOPPING OF
SERVICE PENETRATIONS



TECHNICAL HANDBOOK

FIRE STOPPING OF
SERVICE PENETRATIONS



Content

WHICH PRODUCTS SHOULD BE USED WHERE?

Penetrating services	6
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GENERAL RULES TO FIRE CLASSIFICATIONS

Aperture sizes and allowed services	7
Additional aperture sizes in floors	7
Service sizes	7
Fire classifications; what do they mean?	8
Pipe end configurations	9
Surrounding constructions	9
Supporting constructions and service supports	10
Mixed services within the same aperture	10

NORMAL ON-SITE PROBLEMS AND SOLUTIONS

Single sided access	11
Restrictive fire seals and the pattress solution	12
Frequently asked questions	13

TECHNICAL SOLUTIONS

APPENDIX I – SERVICE PENETRATION SOLUTIONS WITH GAPS ≤ 10MM	15
Electric cables in a floor	16
Metal pipes in a floor	18
Plastic pipes in a floor	24
Electric cables in a solid wall	27
Metal pipes in a solid wall	29
Plastic pipes in a solid wall	35
Electric cables in a gypsum wall	41
Metal pipes in a gypsum wall	43
Plastic pipes in a gypsum wall	49

APPENDIX II – SERVICE PENETRATION SOLUTIONS WITH GAPS ≤ 30MM

Electric cables in a floor	56
Metal pipes in a floor	59
Plastic pipes in a floor	73
Electric transit in a floor	83
Electric cables in a solid wall	85
Metal pipes in a solid wall	87
Plastic pipes in a solid wall	106
Electric transit in a solid wall	123
Electric cables in a gypsum wall	125
Metal pipes in a gypsum wall	130
Plastic pipes in a gypsum wall	144
Electric transit in a gypsum wall	158

APPENDIX III – SERVICE PENETRATION SOLUTIONS IN LARGER APERTURES

Electric cables and cable trays in a gypsum wall	164
Metal pipes in a gypsum wall	168
Plastic pipes in a gypsum wall	178
Electric transit in a gypsum wall	187
Electric cables and cable trays in a solid wall	188
Metal pipes in a solid wall	195
Plastic pipes in a gypsum wall	208
Electric transit in a solid wall	217
Electric cables and cable trays in a floor	218
Metal pipes in a floor	224
Plastic pipes in a floor	238
Electric transit in a floor	250

APPENDIX IV – LARGE APERTURES WITH MIXED SERVICES

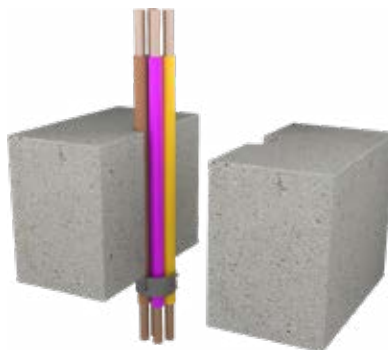
Products	278
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WHICH PRODUCTS SHOULD BE USED WHERE?

In most cases, the type of product chosen depends on the size and configuration of the seal or aperture to be fire protected, the construction type and the type of services (if any) that penetrates the construction. This can be simplified by saying that where there are no gaps or gaps less than 10mm, the putty cord product or collars are used, small gaps above 10mm a sealant is normally used and for larger apertures the board and mortar products are used.

These solutions are given in general in the two following tables, and the details are given in the technical appendixes found in this handbook, which can easily be located using the index on the last pages.

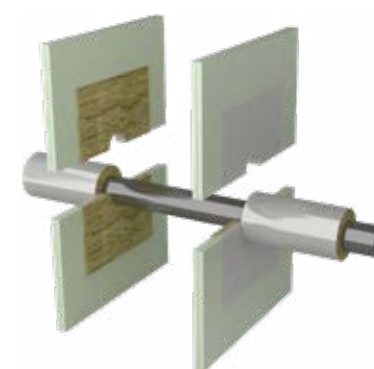
Typical sample of penetrating services with gap widths between 0 and 10mm.



Typical sample of penetrating services with gap widths between 10 and 30mm.



Typical sample of penetrating services with gaps above 30mm or mixed services.



Product Selector - Penetrating Services			
Seal Size	Construction	Services	Product(s)
Gap between 0 and 10mm	Walls and floors	Cables	Soudal putty cord FR
		Metal pipes; un-insulated or mineral wool insulations	
		Metal pipes; combustible insulations	Soudacollar P FR
		Plastic pipes	
Gap between 10 and 30mm		Cables	Acryrub FR PS
		Metal pipes; un-insulated or mineral wool insulations	
		Metal pipes; combustible insulations	Acryrub FR PS & Soudagraphite FR
		Plastic pipes	Acryrub FR PS & Soudagraphite FR or Soudacollar P FR
Gap above 30mm and mixed services	Walls	Cables and cable trays	Soudal Fire Board Pro
		Metal pipes; un-insulated or mineral wool insulations	
		Metal pipes; combustible insulations	Soudal Fire Board pro & Soudawrap P FR
		Plastic pipes	
	Floors	Cables and cable trays	Soudacompound FR
		Metal pipes; un-insulated or mineral wool insulations	
		Metal pipes; combustible insulations	Soudacompound FR Soudawrap P FR
		Plastic pipes	

GENERAL RULES TO FIRE CLASSIFICATIONS



Aperture sizes and allowed services

The technical drawings in this handbook show the maximum size allowed of any aperture or linear seal as tested, and as shown also in the product's installation instructions. The maximum allowed cross sectional area of a rectangular aperture, can be used to calculate the maximum allowed cross sectional area of a circular aperture. To calculate the maximum allowed cross sectional area of a circular aperture, simply calculate the size in for instance cm² and then use this to calculate the allowed diameter (Ø).

An approval for a circular aperture is not allowed to be used in a rectangular aperture. The total amount of cross sectional area occupied by services (including insulation) should not exceed 60% of the penetration cross sectional area.

Additional aperture sizes in floors

Under EN 1366-3 rules, results from tests in floors with a penetration seal length of minimum 1m apply to any length as long as perimeter length to seal area ratio is not smaller than that of the test specimen. The following aperture sizes are therefore allowed where 2400 x 1200 mm is described in this handbook and in the products installation instructions.

Maximum Aperture Sizes within Floors or between Floors and Walls
1200 mm width x 2400 mm length (tested)
1100 mm width x 2900 mm length (allowed)
1000 mm width x 4000 mm length (allowed)
900 mm width x 7000 mm length (allowed)
≤ 800 mm width x ∞ (infinite) length (allowed)

Service sizes

The test standard (EN1366-3) groups services to be tested for approval. For instance, all cables in the group up to a certain diameter must be tested otherwise, approval is only granted for the exact specimen tested, and this has no practical value. For cables, there are many groups to test to obtain full approval. For example to obtain approval for all cables up to 21mm diameter, it is necessary to test the following cables: type A1, A2, A3 (A cables are 5 x 1.5mm²) and B (1 x 95mm²). The position of the cables in the test is also subject to how the cables are allowed to be positioned in practical. The testing of cables on cable trays normally consists of 4 cable trays packed with different types of cables, wires and conduits.

Our specifications for installation are simplified to allow the installation to be performed correctly and with the least complexity, however testing to achieve the specifications is anything but simple. In general we specify service sizes with the symbol ≤ in front. Without this symbol, the size of the service is exactly as specified. The same can be said for pipes. For metal pipes testing consists of a certain design group which includes pipe diameter and wall thickness. However, where we do not specify this, it is because we have tested all the different wall thicknesses available. For plastic pipes testing also includes the different plastics, eg: PVC, PE and so on.

GENERAL RULES TO FIRE CLASSIFICATIONS

Fire classifications; what do they mean?

In Europe we all use the same system to classify fire resistance, not only in fire stop seals, but also in walls, floors, doors and so on. In fire stopping, only a few letters are used to indicate the result and what protection the installation gives.

E - Integrity, the time it takes for fire to physically spread through a fire seal. At the point of failure one can see the glow of the fire through the seal, flames coming through or via a cotton pad which catches fire when held close to the seal by the test technician. This is the simplest classification to achieve.

I - Insulation, the temperature, measured on the non-fire side has increased by 180°C on either the fire seal or the services. This is measured through many thermocouples placed in strategic locations. The intention is to replicate the lowest possible temperature that can actually start a fire, even though the fire itself has not passed through the fire seal. This is the more difficult classification to achieve.

In most European countries, there is a demand that the fire classification should include both integrity E and insulation I. However, if the fire seal is in an area where no combustible material are close by, and no combustible materials are likely to be placed closed by, an engineering judgment could be taken to approve usage of the integrity classification only. This is why we state both classifications in this handbook.

The letters are followed by a number, which is how long in minutes the integrity and insulation were maintained. For instance, the classification **E 60** is integrity for one hour, whilst **EI 120** is both integrity and insulation for two hours.



GENERAL RULES TO FIRE CLASSIFICATIONS

Pipe end configurations

When testing pipes, one can choose not to cap (or close) or to cap the pipe inside or outside the furnace. The configuration chosen depends on the intended application of the pipe and/or the installation environment. The code defining if a pipe is capped is stated after the fire classification. For instance EI 60 C/U means the pipe was capped inside the furnace, and uncapped outside the furnace.

Field of application rules for pipe end configuration:					
Tested		U/U	C/U	U/C	C/C
Covered	U/U	-	NO	NO	NO
	C/U	YES	-	NO	NO
	U/C	YES	YES	-	NO
	C/C	YES	YES	YES	-

Engineering judgment based on EN 1366-3:2009:

Intended use of pipe	Pipe end condition	
Rainwater pipe, plastic	At drainage	U/U
	Not at drainage	C/C
Drainage or sewage pipe, plastic	Ventilated drain	U/U
	Unventilated drain	U/C
	Drain w/water trap	U/C
	Not at drainage	C/C
Pipe in closed circuit (water, gas, air, electricity etc.)		C/C
Flue gas recovery system pipe, plastic		U/C
Pipe with open ends and ≥ 50 cm length on both sides, plastic		U/U
Pipe supported by suspension system, metal	Fire rated support	C/U
	Non-fire rated	U/C
Waste disposal shaft pipe, metal		U/C

Stated in EN 1366-3:2009 or judgment based on tests. Metal pipes should have fire rated support.

Surrounding constructions

The wall or floor construction used in a test will limit the scope of certification. The general rule is that the wall or floor thickness tested will be the minimum allowed thickness of the wall or floor. Also, if a gypsum (flexible) wall is tested then approvals for a concrete/masonry wall are also obtained, but not the other way around. So if only concrete/masonry walls have been tested, the test data cannot be used for a gypsum wall. Certifications for floors are only possible by performing floor tests, and this test data cannot be used to obtain certification for walls.

The standard flexible wall constructions specified in the test standard are:			
Nominal minimum overall thickness in mm	Thickness of gypsum board EN 520 Type F in mm	Number of layers each side	Indicative fire resistance in minutes
69 - 75	12.5	1	30
94 - 100	12.5	2	60
94 - 100	12.5	2	90
122 - 130	15.0	2	120

The standard rigid wall constructions specified in the test standard are:	
Thickness of aerated concrete (650 +/- 200) kg/m ³ in mm	Indicative fire resistance in minutes
75 +/- 10	30
100 +/- 10	60
125 +/- 10	90
150 +/- 10	120
175 +/- 10	180
200 +/- 10	240

The standard construction for concrete floors shall have a density of (650 +/- 200) kg/m³ and a thickness of 150mm.

GENERAL RULES TO FIRE CLASSIFICATIONS

Supporting constructions and service supports

The supporting constructions (fire rated walls and floors) should be classified in accordance with EN 13501-2 for the required fire resistance period.

Services in floors should have the first support located 250mm from the top face, and services in walls should have the first support located 270mm from both faces of the wall. Thereafter the services should be supported according to the support system manufacturer's installation instructions.

Mixed services within the same aperture

The systems, Soudal Fire board pro and Soudacompound FR, may be used to provide a penetration seal with cables, cable trays, metallic pipes, ventilation ducts, composite pipes and plastic pipes, with and without insulation, with mixed services within the same seal/aperture. The technical solutions in the following pages can be combined where the fire seals are built the same, however, the fire and sound classifications will for the whole seal be no better than the lowest classification given on any through service, what we term 'worst-case-scenario'.

The technical solutions on the last pages of this handbook are for mixed services, but do not include all the different options and are provided as a quick guide. Here you can select the fire resistance and see what fire stopping system you require for a whole group of services, this simplifies the engineering and is of course very useful and helpful.



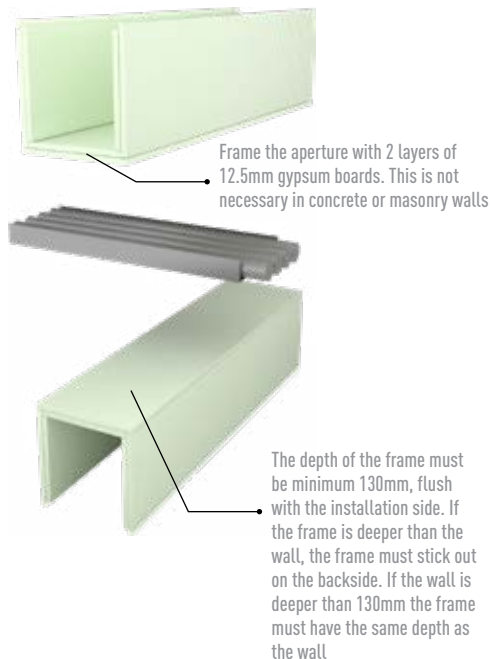
NORMAL ON-SITE PROBLEMS AND SOLUTIONS

Single sided access

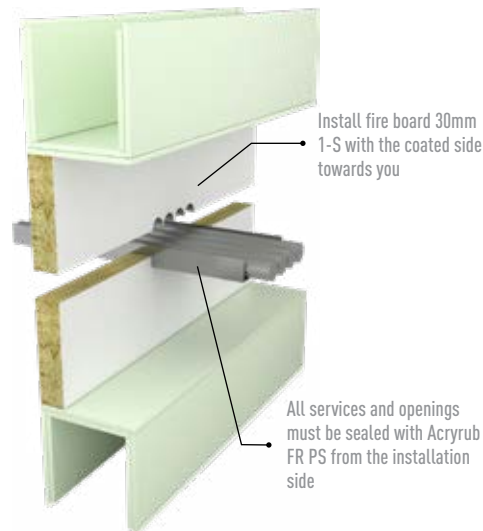
On construction sites there may be cases where an aperture for a fire seal that is to be installed is only accessible from one side. With many of the products this scenario is already tested, certified and included in this handbook, but one issue is the Fire Board system which requires the sealing of gaps from both sides of a wall after insertion. However this is solvable by using an additional inner board with the coating facing towards the installer; it will result in the same fire seal as the certified solutions. Below are the detailed descriptions and this is especially useful with risers or shafts with gypsum boards on only one side.

INSTALLATION SIDE

STEP 1



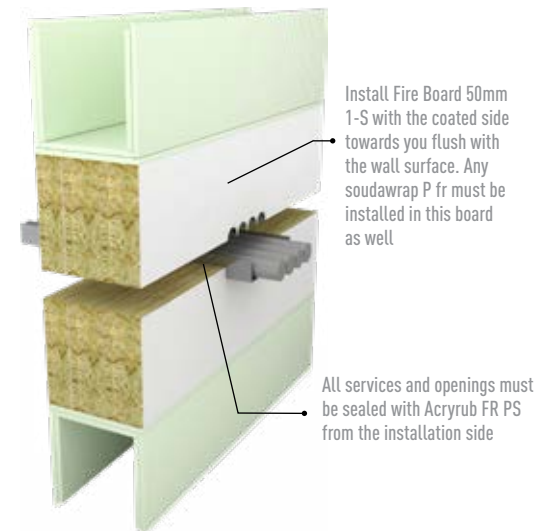
STEP 2



STEP 3



STEP 4



Note: The above descriptions are just showing how to install the Fire Board system from one side. This must be used together with the product approvals for Fire Board 2 x 50mm 1-S system in drywalls, masonry or concrete walls. The same concept may be used with the Fire Board 2 x 60mm 2-S system in masonry or concrete walls.

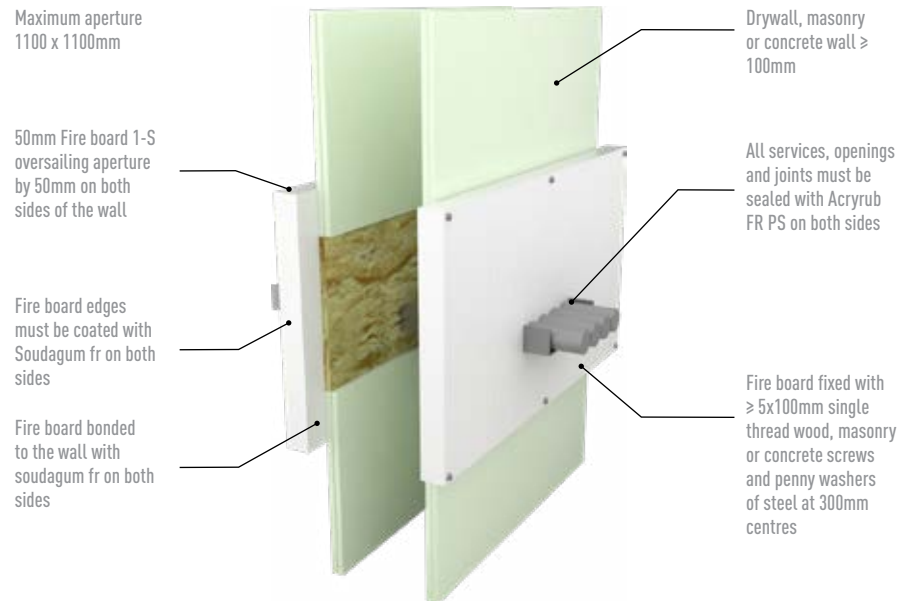
NORMAL ON-SITE PROBLEMS AND SOLUTIONS

Restrictive fire seals and the pattress solution

Some fire seals in walls can be restrictive, so it is difficult to insert the different pieces of the Fire board. Therefore we have tested a pattress system, where the boards are installed on the surface of the wall instead of inside the aperture. This is then an additional way of fixing the boards, but the fire classifications will still be limited to the different services given in this handbook, for drywalls with the system 2 x 50mm 1-S. Furthermore, any Soudawraps P FR must be included.

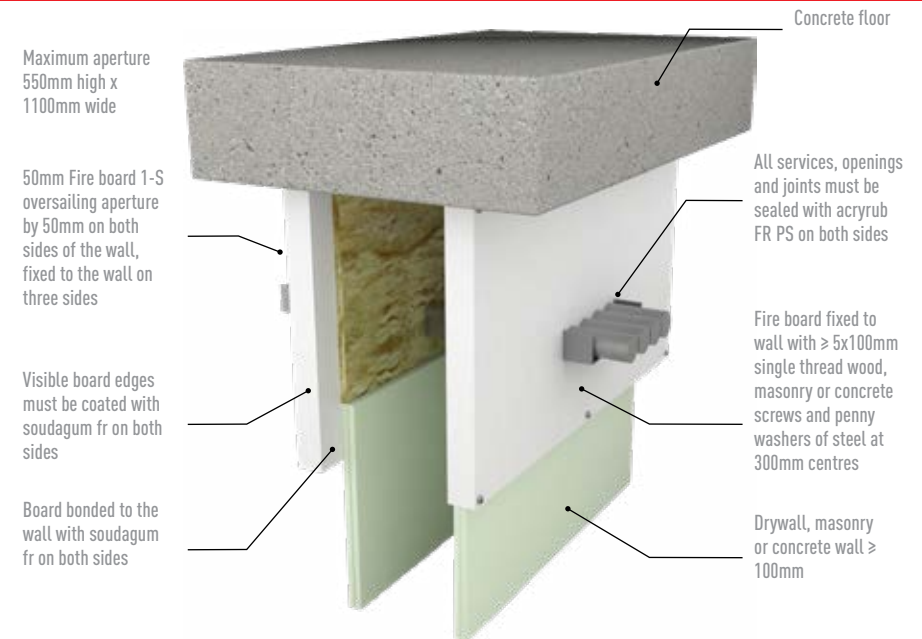
There are two ways the pattress system can be installed, as follows:

SYSTEM 1: The aperture located within the wall



Maximum fire classification **EI 120**,
limited by the approvals for the penetrating services

SYSTEM 2: The aperture located towards the soffit



Maximum fire classification **EI 120**,
limited by the approvals for the penetrating services

GENERAL

Q: What certifications are available?

A: The fire stopping range has ETA certifications and the CE-mark for Europe and Africa, UL-EU International certifications for Asia and South America and local certifications for the United Arab Emirates, New Zealand and Australia.

CONSTRUCTIONS

Q: I am doing a fire seal in a drywall with calcium silicate boards and not normal gypsum boards, is that ok?

A: Yes, as long as the wall is classified according to EN 13501-2 for the required fire resistance period, and the wall thickness is equal or greater than the approval for the fire stopping product.

Q: I have a fire seal in a floor, can I use the approvals for a drywall?

A: No. The EuroNorm states that fire seals in floors have to be tested and approved independently from walls.

Q: Can approvals for drywalls be used in concrete walls?

A: Yes. The EuroNorm allows this but tests and approvals for concrete or masonry walls cannot be used in drywalls.

Q: I have a cable going through a drywall on one side and it does not penetrate the wall, however the instructions show only double sided fire seals?

A: Use the normal instructions for double sided seals, the wall boards on the other side will do the same job as the fire seal which will result in a double sided fire seal.

Q: I am to do a fire seal in a swimming pool area and need something moisture proof, what should I use?

A: For smaller seals you can use either Soudal Putty Cord FR. For larger seals you can use Soudal Fire Board, but after you have sealed the gaps and openings with Acryrub PS FR, apply a layer of FR Coating on top of the acrylic.

Q: Can the firestop details given in concrete floors be used in timber floors?

A: No, that is not allowed.

FIRE SEALS

Q: Is it acceptable that instead of a minimum 100mm depth of Soudacompound mortar, I can use a 50mm stonewool slab with 50mm depth of mortar?

A: No. But where 50mm depth of mortar on 50mm stonewool is mentioned, you can use 100mm depth of mortar instead and with no stone wool.

Q: Do I need to remove a shuttering stone wool board when the shutter is not shown as part of the approval for Mortar in a floor?

A: No, the shutter will only increase the fire resistance.

Q: There is a solution for a double sided seal with Acrylic at 15mm depth in a rigid wall. Can I instead seal this single sided at 30mm depth?

A: No. The fire seal will be weaker as the penetration speed of the fire will increase during heating of the material. With a double sided fire seal the fire has to effectively 'start again' when it meets the second seal. However, as a fire stopping solution it is better to do a single sided seal on both sides, resulting in a higher fire resistance.

Q: It is stated that I use stonewool backing with Acryrub FR PS, can I instead use Soudal Backing material?

A: Yes, the backing is made of AES fibre which has greater fire resistant than stonewool. However, if Soudal Backing is stated, you cannot use a stonewool backing.

Q: I have a special fire seal that is not mentioned in any of the solutions, what do I do?

A: Please contact us and we will assess if we can make an Engineering Judgment.

CABLES

Q: The instructions mention cables, but does that include all types of cables?

A: Yes. We have tested groups of cables which gives approvals for all kinds, including aluminium, copper and fibre optic cables.

PIPES

Q: I have a penetrating pipe made of iron, but it is not mentioned in the instructions?

A: Iron is the base metal of steel, so use the instructions for steel pipes.

Q: I am to fire seal a PE-HD (or HD-PE) pipe, can I use the instructions for PE pipes?

A: Yes. You can fire seal all PE pipes that are manufactured to EN 1519-1, EN 12201-2 and EN 12666-1. This normally includes LD-PE, MD-PE, HD-PE and PE-X pipes.

Q: It is stated 'alupep' pipes in the instructions; can I use Geberit Mepla MLC pipes?

A: Yes. Alupep is a general term for composite aluminium pipes. They consist of an aluminium core that is covered on the

- | | |
|-------------------------------|-------------------------|
| • FRÄNKISCHE alpep F50 PROFIL | • REHAU Rautitan stabil |
| • GEBERIT Mepla MLC | • TECeflex |
| • JRG Sanipex MT | • UPONOR MLC |
| • KE KELIT Kelox | • VIEGA Sanfix Fosta |

Service penetration solutions
with gaps $\leq 10\text{mm}$

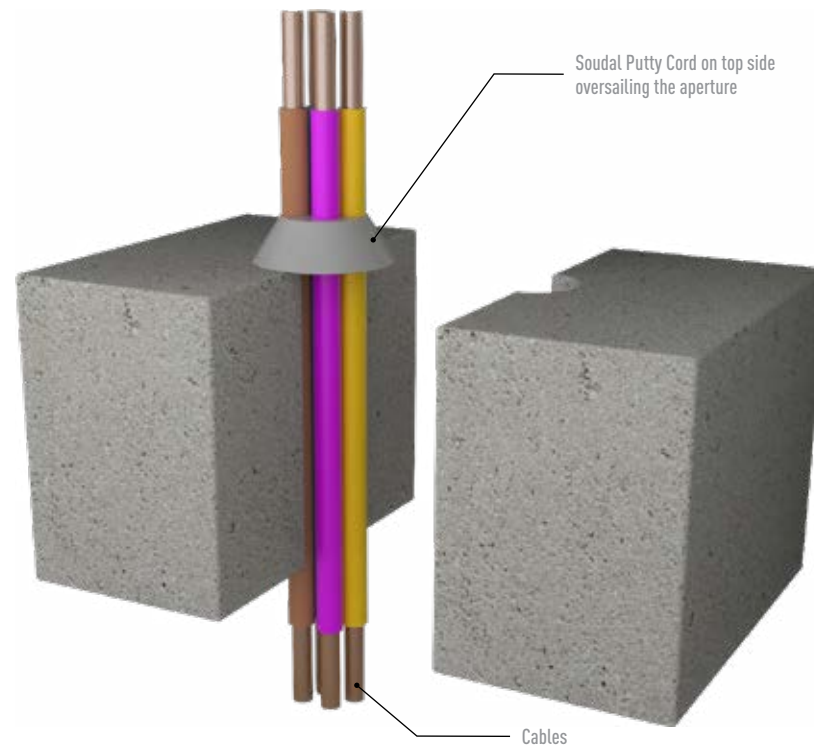
Appendix I

INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Soudal Putty Cord around the services so that it seals the services to the floor all the way round.
3. Press the Putty Cord into the floor and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the floor.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of cables in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Single cables ≤ Ø 21mm
EI 120 & E 120
- Single cables ≤ Ø 50mm
EI 90 & E 120
- Single cables ≤ Ø 80mm
EI 60 & E 120
- Cables ≤ Ø 21mm in tied bundles ≤ Ø 50mm
EI 60 & E 120

CERTIFICATION:

ETA 19/0408



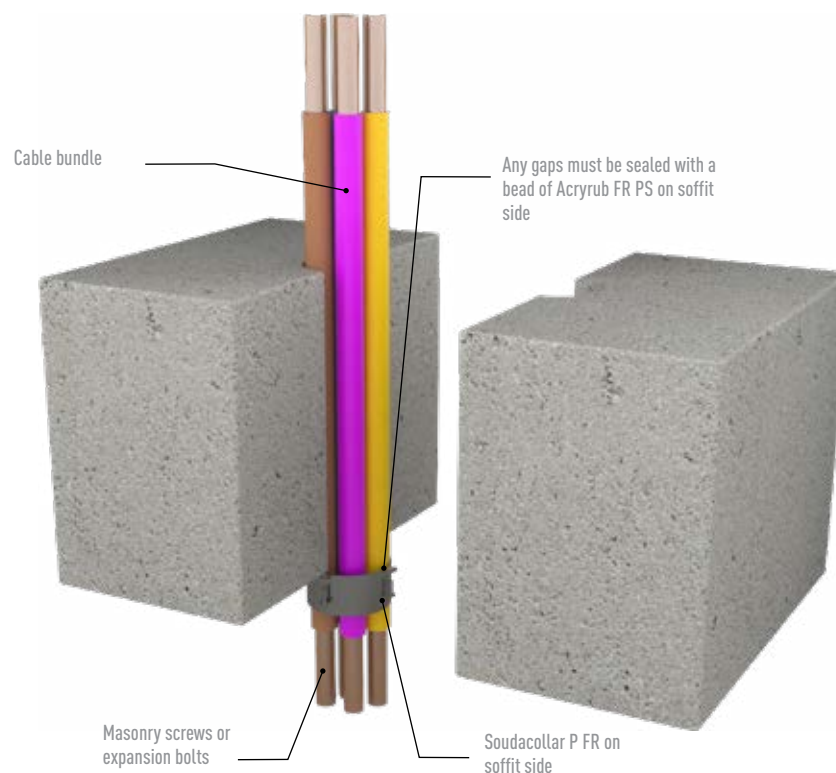
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collar ensure that any gaps between the cable bundle and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the cable bundle and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the floor, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the floor and the collar shell.
4. Attach the collar with $\geq \text{Ø}4 \times 40\text{mm}$ long masonry screws or expansion bolts.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of electric cables in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Cables $\leq \text{Ø} 21\text{mm}$, in a bundle $\leq \text{Ø} 55\text{mm}$, with collars $\leq \text{Ø} 55\text{mm}$ at $\geq 30\text{mm}$ height EI 120 & E 120
- Cables $\leq \text{Ø} 21\text{mm}$, in a bundle $\leq \text{Ø} 100\text{mm}$, with collars $\leq \text{Ø} 110\text{mm}$ at $\geq 50\text{mm}$ height EI 90 & E 90
- Cables $\leq \text{Ø} 21\text{mm}$, in a bundle $\leq \text{Ø} 160\text{mm}$, with collars $\leq \text{Ø} 160\text{mm}$ at $\geq 60\text{mm}$ height EI 180 & E 180
- Sound reduction (seal onl) 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



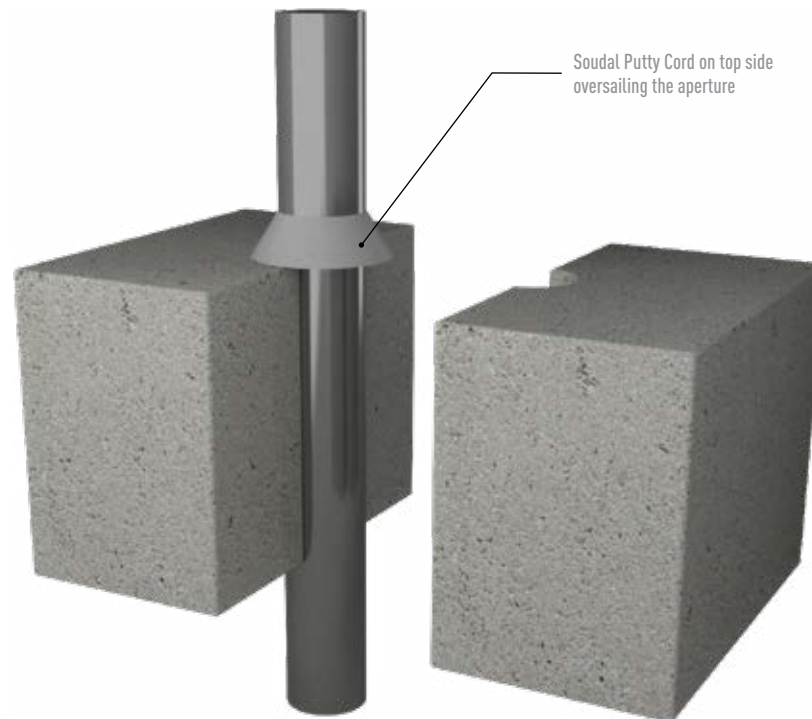
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3. Press the Soudal Putty Cord into the floor and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the floor.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø 22mm
EI 120 C/U & E 120 C/U

CERTIFICATION:

ETA 19/0408



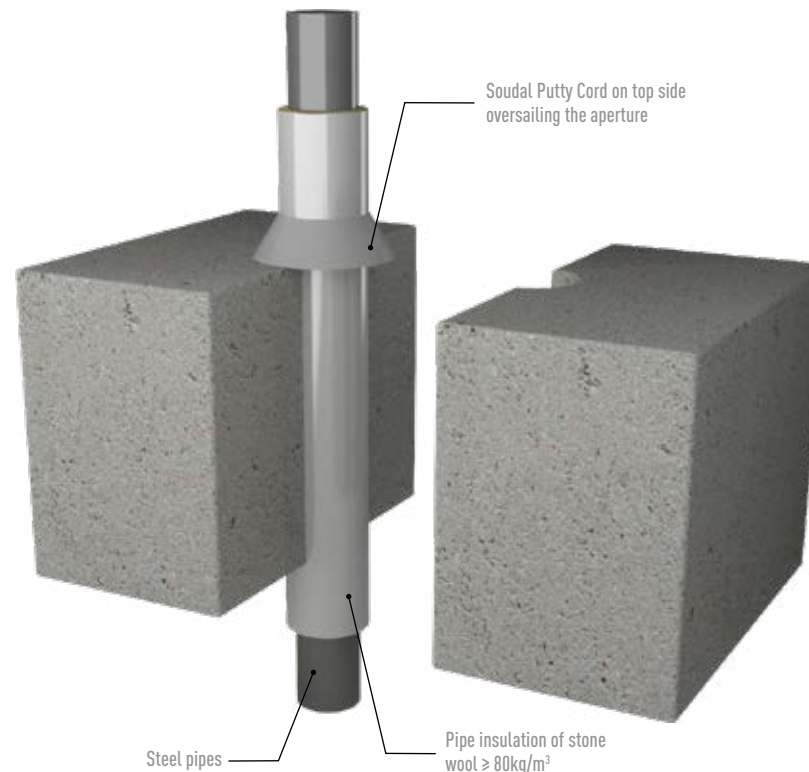
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Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with 20mm thick continuous pipe insulation
EI 240 C/U & E 240 C/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with 30-80mm thick continuous pipe insulation
EI 240 C/U & E 240 C/U

CERTIFICATION:

ETA 19/0408



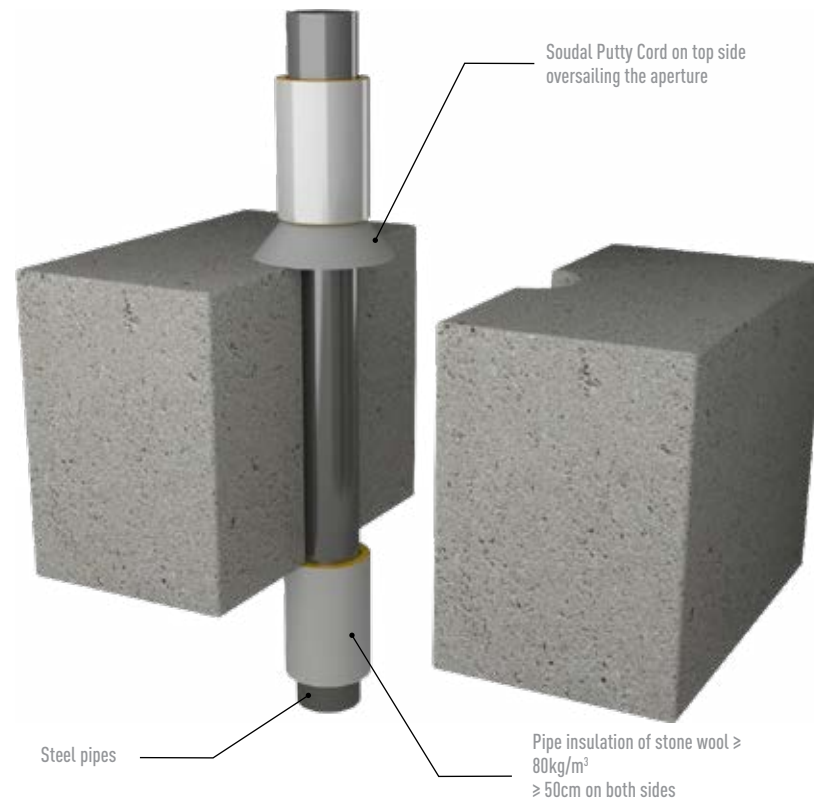
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Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m^3

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}40\text{mm}$ with $\geq 20\text{mm}$ thick
pipe insulation
EI 240 C/U & E 240 C/U
- Steel pipes $\leq \text{Ø}324\text{mm}$ with $\geq 30\text{mm}$ thick
pipe insulation
EI 60 C/U & E 240 C/U

CERTIFICATION:

ETA 19/0408



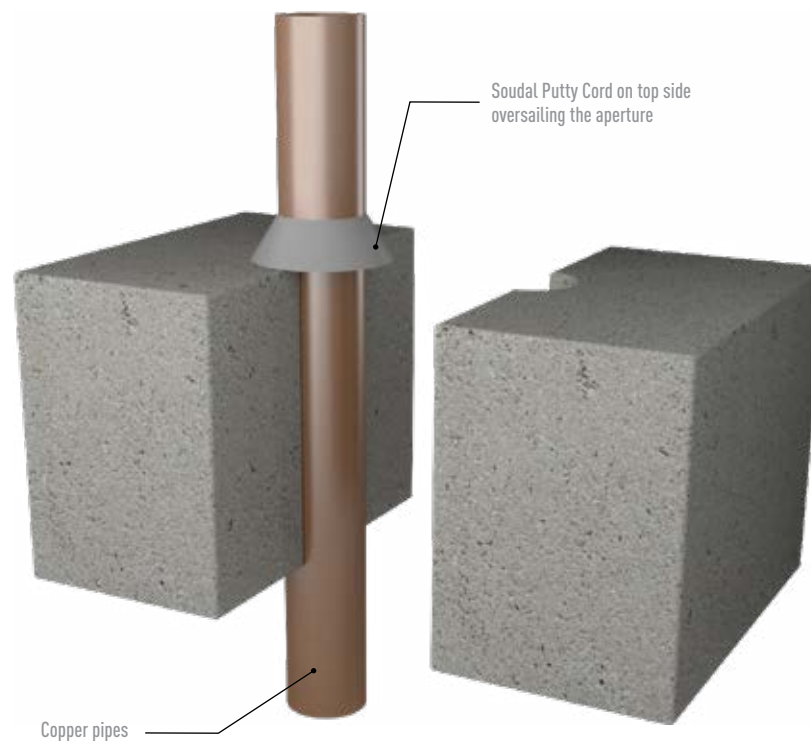
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Soudal Putty Cord around the services so that it seals the services to the floor all the way round.
3. Press the Soudal Putty Cord into the floor and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the floor.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipes ≤ Ø 6mm
EI 120 C/C & E 120 C/C
- Copper pipes ≤ Ø 10mm
EI 90 C/C & E 120 C/C

CERTIFICATION:

ETA 19/0408



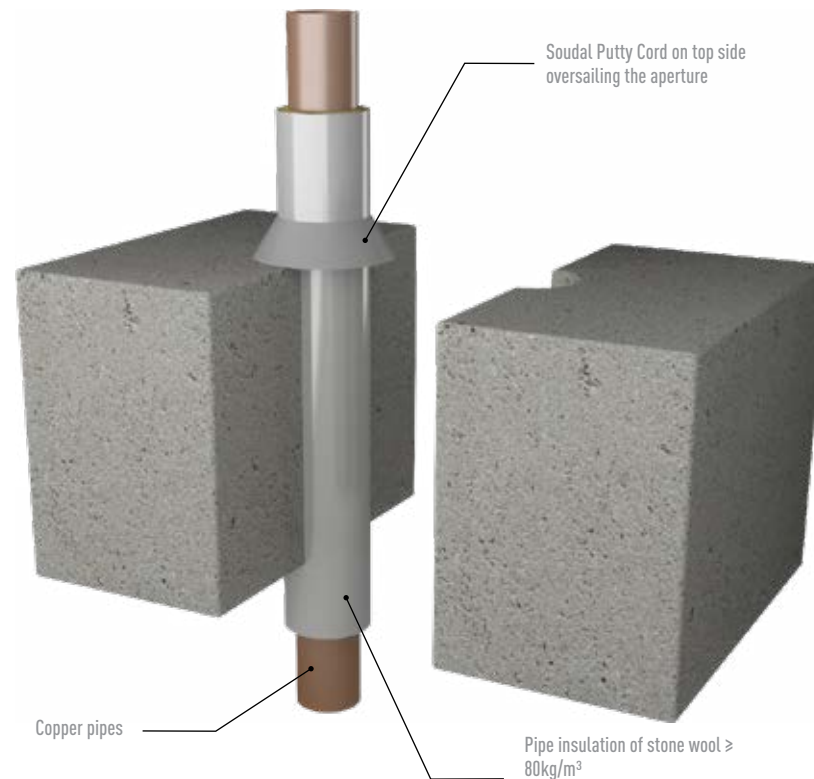
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Soudal Putty Cord around the services so that it seals the services to the floor all the way round.
3. Press the Soudal Putty Cord into the floor and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the floor.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}12\text{mm}$ with 20mm thick continuous pipe insulation
EI 240 C/C & E 240 C/C
- Copper pipes $\leq \text{Ø}54\text{mm}$ with 30-80mm thick continuous pipe insulation
EI 240 C/C & E 240 C/C

CERTIFICATION:

ETA 19/0408



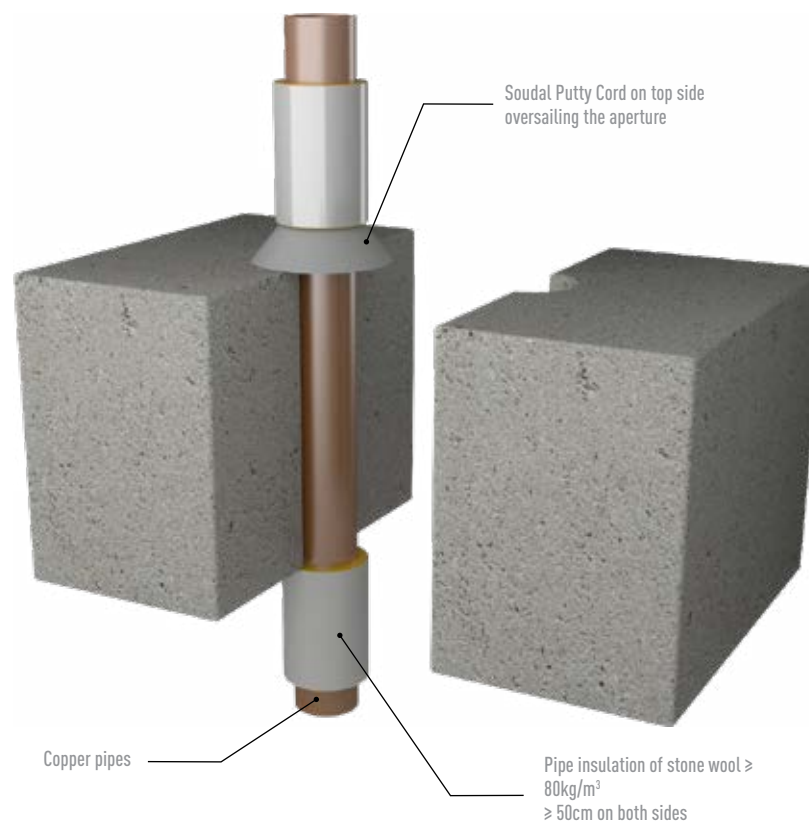
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the soudal Putty Cord around the services so that it seals the services to the floor all the way round.
3. Press the soudal Putty Cord into the floor and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the floor.

Apertures with less than 10mm
annular width around services



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PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}12\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation
EI 240 C/C & E 240 C/C
- Copper pipes $\leq \text{Ø}54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation
EI 60 C/C & E 240 C/C

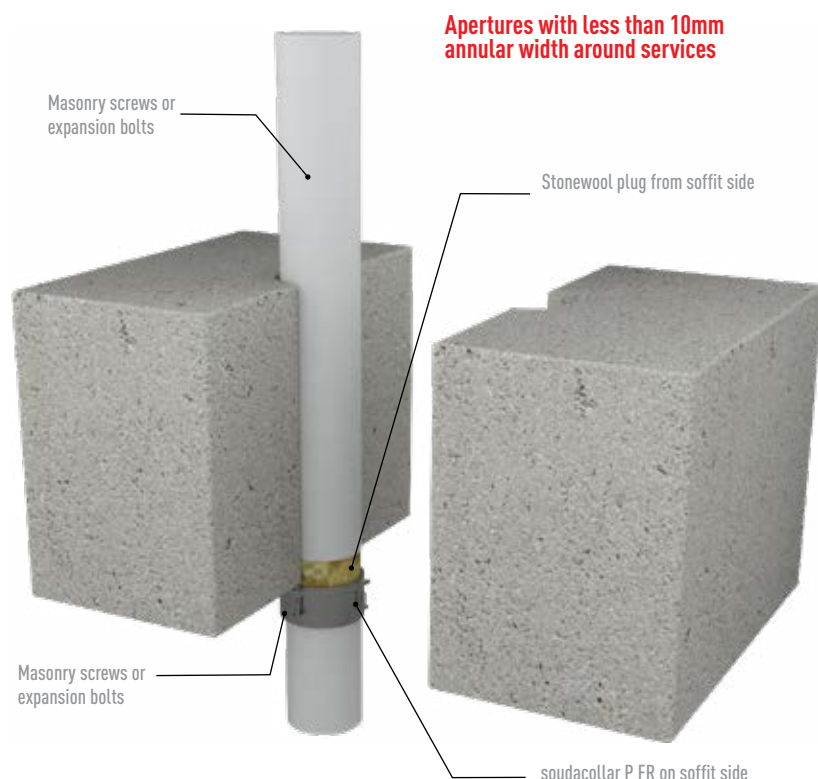
CERTIFICATION:

ETA 19/0408

INSTALLATION INSTRUCTIONS

Soudacollar P FR & Stonewool

1. Before fitting the soudacollar P FR ensure that any gaps between the pipe and the separating element are sealed with 20mm deep stonewool to plug the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the floor, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the floor and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 90$ mm PVC-U & PVC-C	50mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 110$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 120 C/C, EI 90 U/C (E 120), EI 60 C/U
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 200$ mm PVC-U & PVC-C	60mm	EI 60 C/C (E 120)
$\leq \varnothing 315$ mm PVC-U & PVC-C	75mm	EI 60 C/C
$\leq \varnothing 400$ mm PVC-U & PVC-C	100mm	EI 60 C/C
$\leq \varnothing 55$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 240 C/C, EI 240 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 200$ mm PE, ABS & SAN+PVC	60mm	EI 120 C/C (E 240)
$\leq \varnothing 250$ mm PE, ABS & SAN+PVC	75mm	EI 240 C/C
$\varnothing 315 \times 18.7$ mm PE, ABS & SAN+PVC	75mm	EI 240 C/C
$\varnothing 400 \times 36.3$ mm PE, ABS & SAN+PVC	100mm	EI 90 C/C
$\leq \varnothing 50$ mm PP	30mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm PP	50mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 140$ mm PP	60mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 160$ mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 200$ mm PP	60mm	EI 120 C/C
$\leq \varnothing 250$ mm PP	75mm	EI 60 C/C
$\varnothing 315 \times 28.6$ mm PP	75mm	EI 60 C/C
$\leq \varnothing 400$ mm PP	100mm	EI 30 C/C



PRODUCTS

Soudacollar P FR
Stonewool

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in tables on the left.
For full specifications, please refer to the
Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412

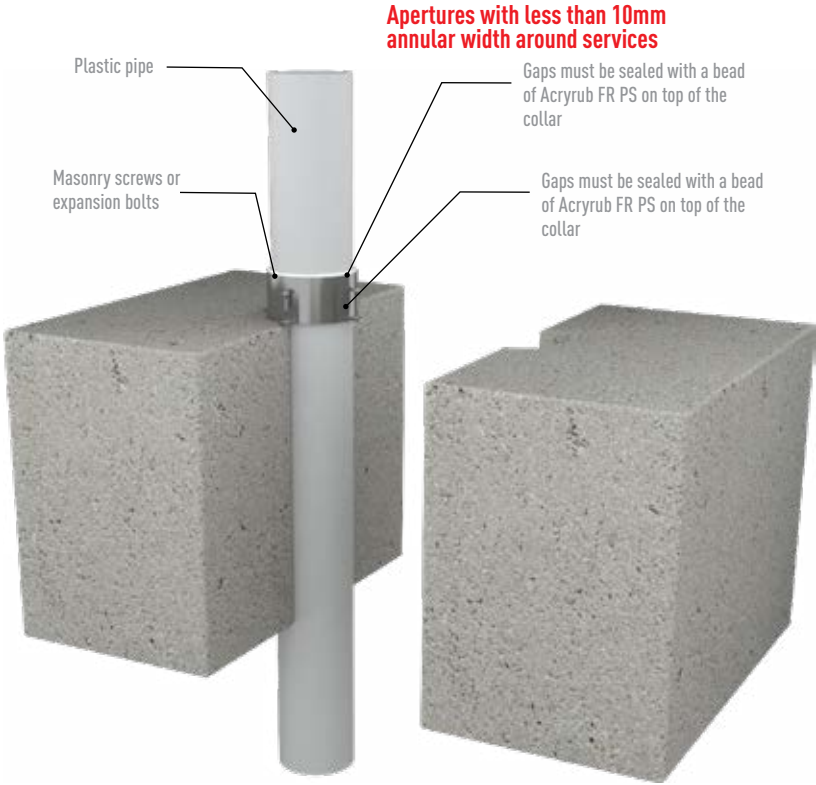


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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the floor, so that the fixings can be inserted fully.
2. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the floor and the collar shell.
3. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.
4. After fitting the collar ensure that the gaps between the pipe and the collar are sealed with a bead of Acryrub FR PS to cover the opening.



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	50mm	EI 240 C/C, EI 240 U/C
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 120 C/C, EI 120 U/C
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 180 C/C, EI 180 U/C (E 240)
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 240 C/C, EI 240 U/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 60 C/C, EI 60 U/C (E 240)
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 50$ mm PP	50mm	EI 180 C/C, EI 180 U/C (E 240)
$\leq \varnothing 110$ mm PP	50mm	EI 90 C/C, EI 90 U/C (E 180)
$\leq \varnothing 160$ mm PP	60mm	EI 60 C/C, EI 60 U/C (E 240)



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

MMinimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in tables on the left.
For full specifications, please refer to the
Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414

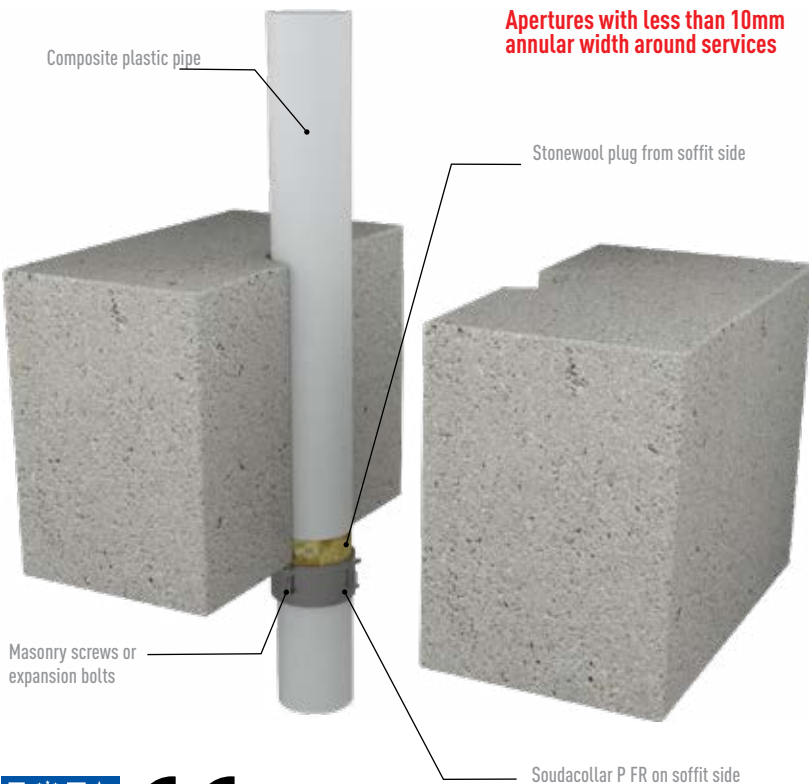


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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Stonewool

1. Before fitting the collar ensure that any gaps between the pipe and the separating element are sealed with 20mm deep stonewool to plug the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the floor, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the floor and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.



Services	Min. Collar Height	Classification
$\leq \varnothing 32$ mm Aquatherm Green SDR9	30mm	EI 240 C/C
$\leq \varnothing 50$ mm Aquatherm Green SDR9	50mm	EI 240 C/C
$\leq \varnothing 110$ mm Aquatherm Green SDR9	50mm	EI 120 C/C
$\leq \varnothing 50$ mm BluePower	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
$\leq \varnothing 110$ mm BluePower	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\varnothing 125$ mm BluePower	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\varnothing 160$ mm BluePower	60mm	EI 240 C/C, EI 240 U/C, EI 240 C/U
$\leq \varnothing 50$ mm Geberit Silent-PP	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Geberit Silent-PP	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\leq \varnothing 50$ mm Polo-Kal NG pipes	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Polo-Kal NG pipes	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U
$\varnothing 125$ mm Polo-Kal NG pipes	60mm	EI 240 C/C, EI 240 U/C
$\varnothing 160$ mm Polo-Kal NG pipes	60mm	EI 240 C/C, EI 240 U/C (E 240 C/U)
$\leq \varnothing 50$ mm Rehau Raupiano Plus	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Rehau Raupiano Plus	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U
$\varnothing 125$ mm Rehau Raupiano Plus	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\varnothing 160$ mm Rehau Raupiano Plus	60mm	EI 240 C/C, EI 240 U/C (E 240 C/U)
$\leq \varnothing 50$ mm Wavin SiTech	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Wavin SiTech	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U



PRODUCTS

Soudacollar P FR
Stonewool

APPLICATION

Fire stopping of composite plastic pipes in
rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in tables on the left.
For full specifications, please refer to
the Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412



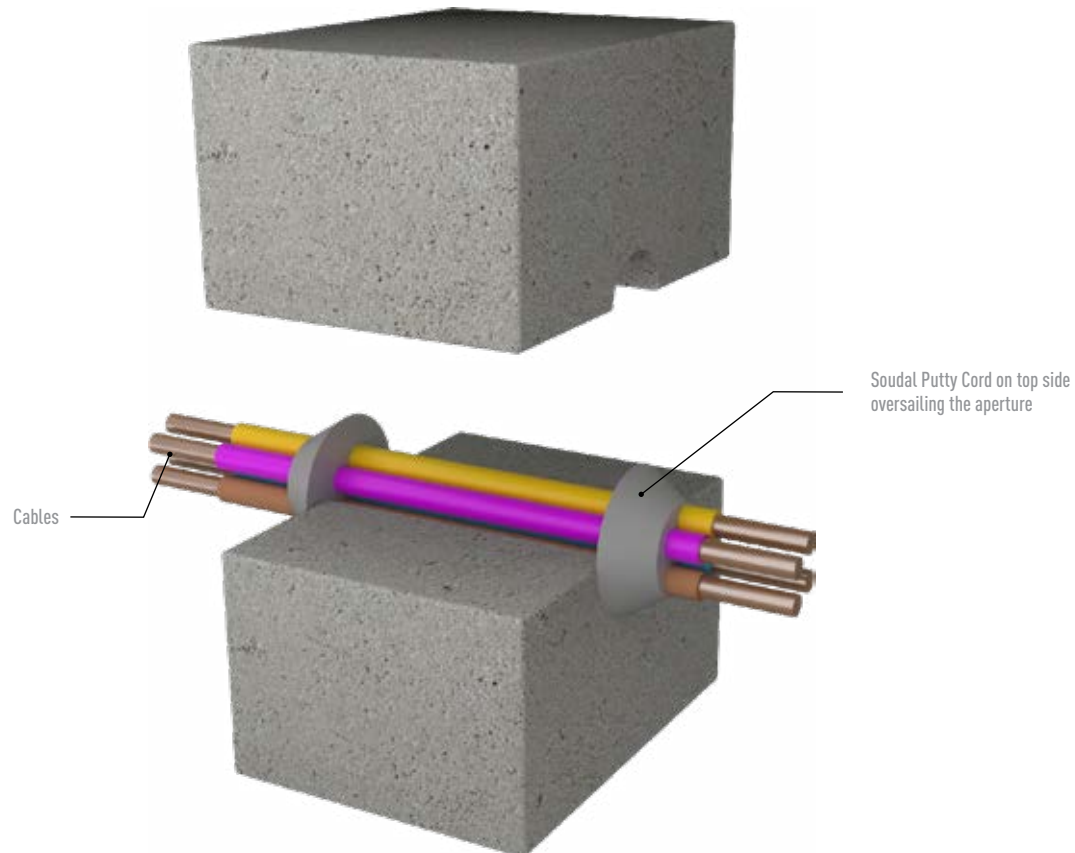
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

**Apertures with less than 10mm
annular width around services**



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of cables in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$, single or in a bundle $\leq \varnothing 50\text{mm}$
EI 120 & E 120
- Cables $\leq \varnothing 80\text{mm}$, single or in a bundle $\leq \varnothing 50\text{mm}$
EI 60 & E 60

CERTIFICATION:

ETA 19/0408



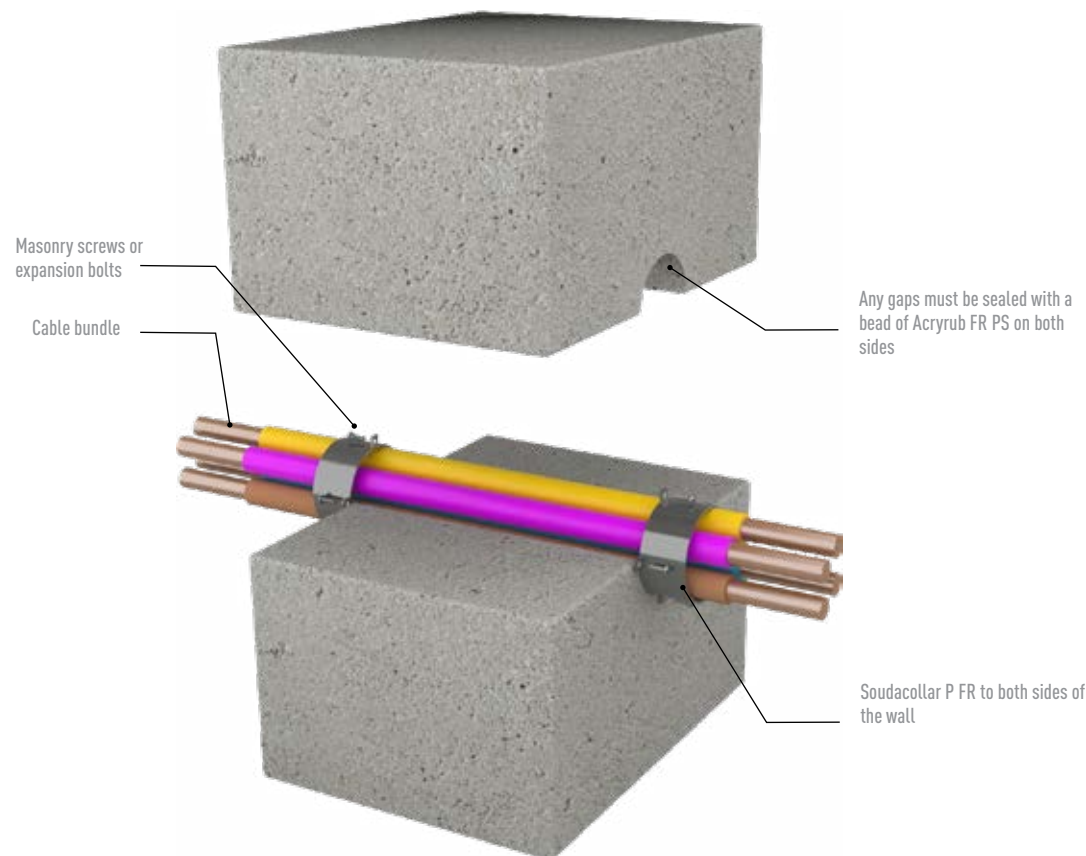
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the cable bundle and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the cable bundle and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40\text{mm}$ long masonry screws or expansion bolts.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of cable bundles in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$, in a bundle $\leq \varnothing 110\text{mm}$, with collars $\leq \varnothing 110\text{mm}$ at $\geq 30\text{mm}$ height EI 60 & E 120
- Cables $\leq \varnothing 80\text{mm}$, in a bundle $\leq \varnothing 110\text{mm}$, with collars $\leq \varnothing 110\text{mm}$ at $\geq 50\text{mm}$ height EI 60 & E 120
- Cables $\leq \varnothing 80\text{mm}$, in a bundle $\leq \varnothing 160\text{mm}$, with collars $\leq \varnothing 160\text{mm}$ at $\geq 60\text{mm}$ height EI 60 & E 120
- Sound reduction (seal onl) 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



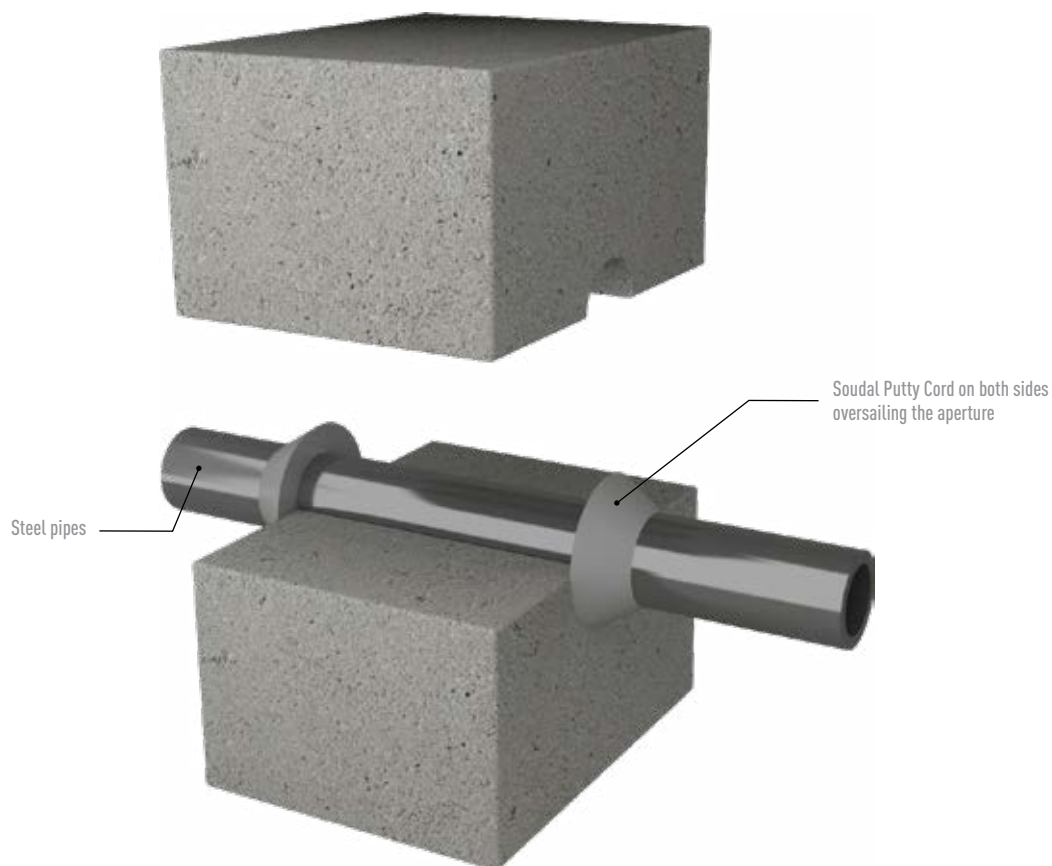
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø } 22\text{mm}$
EI 60 C/U & E 120 C/U
- Steel pipes $\leq \text{Ø } 30\text{mm}$
EI 45 C/U & E 120 C/U

CERTIFICATION:

ETA 19/0408



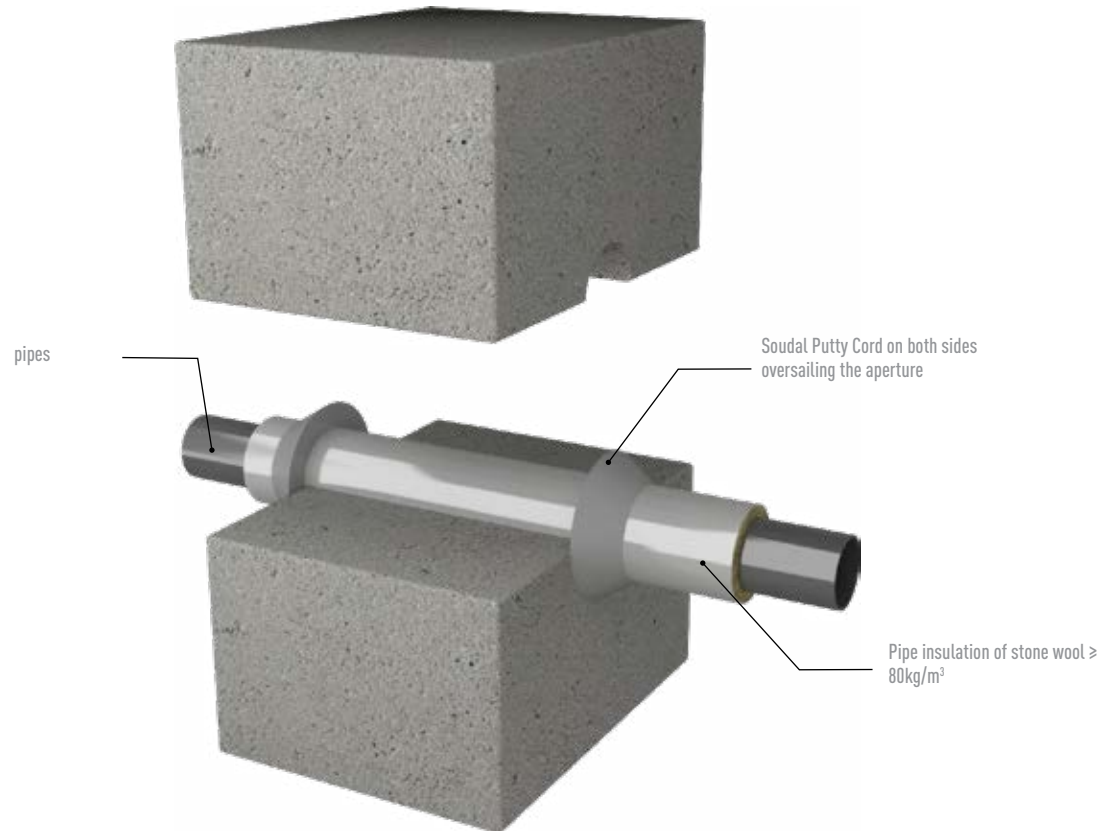
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INSTALLATION INSTRUCTIONS

Soudal Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}40\text{mm}$ with 20mm thick continuous pipe insulation
EI 120 C/U & E 120 C/U
- Steel pipes $\leq \text{Ø}324\text{mm}$ with 30-80mm thick continuous pipe insulation
EI 60 C/U & E 90 C/U

CERTIFICATION:

ETA 19/0408



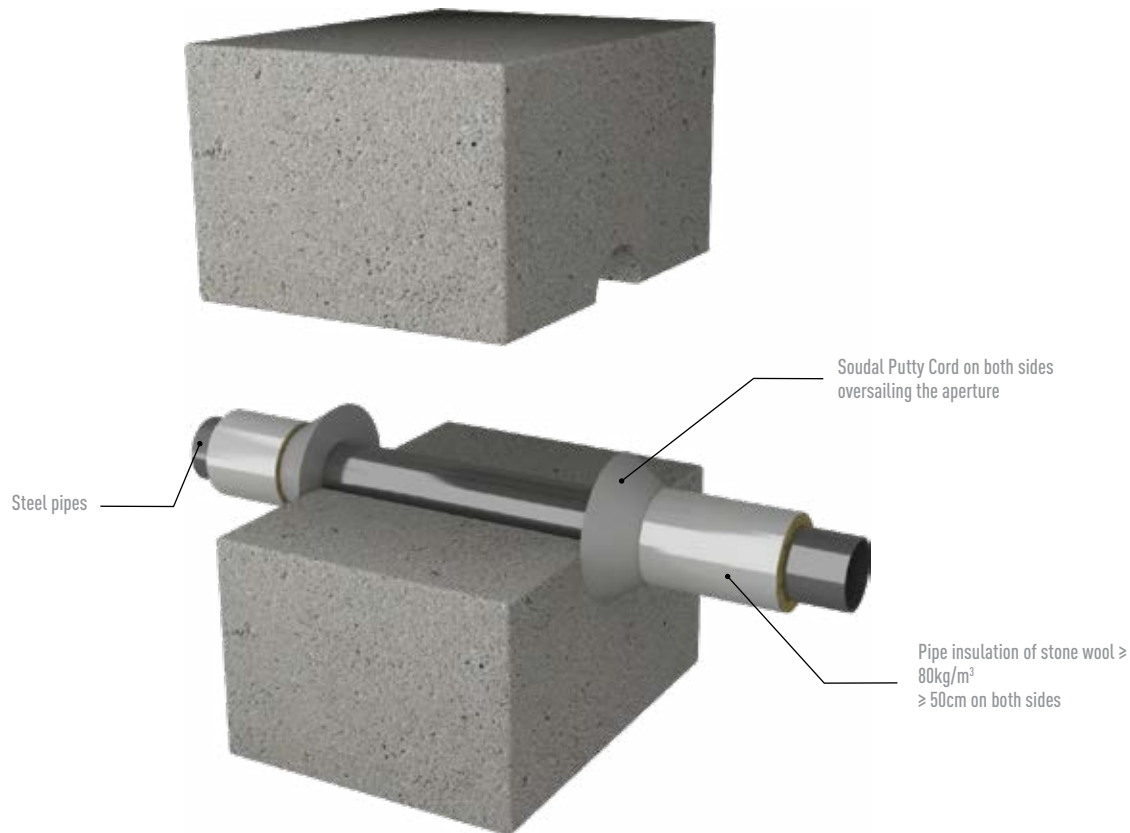
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation
EI 120 C/U & E 120 C/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with $\geq 30\text{mm}$ thick pipe insulation
EI 120 C/U & E 120 C/U

CERTIFICATION:

ETA 19/0408



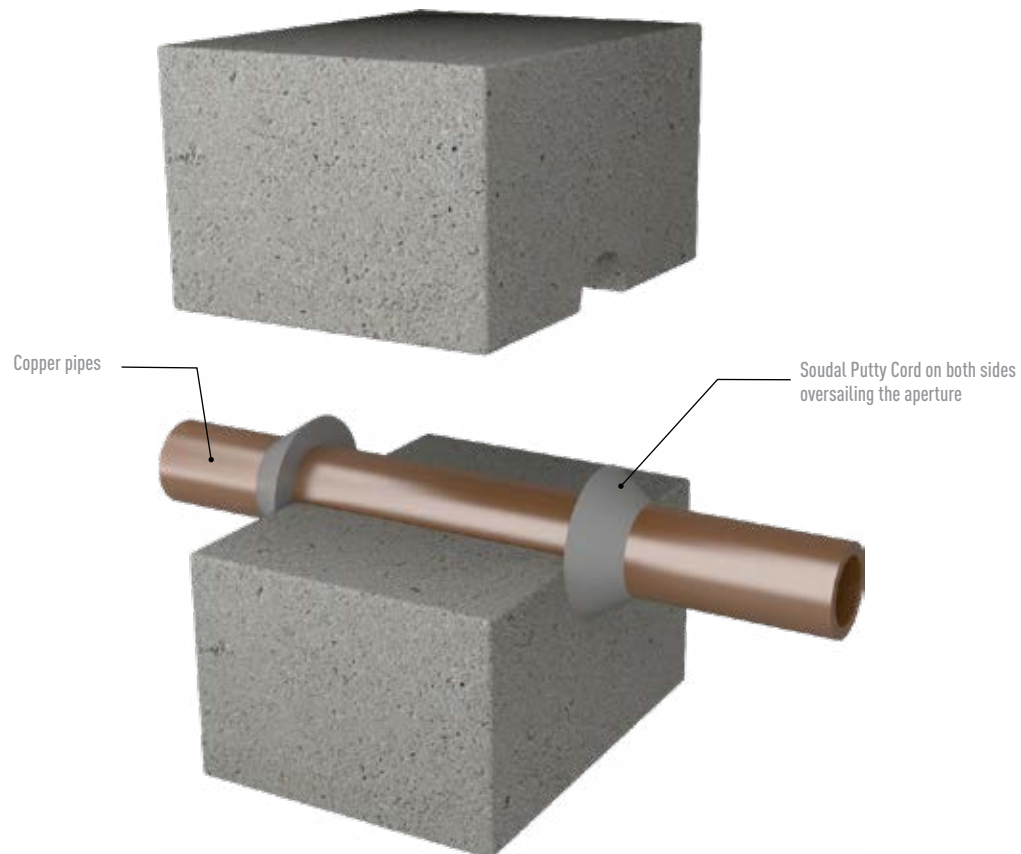
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 6\text{mm}$
EI 120 C/C & E 120 C/C
- Copper pipes $\leq \varnothing 12\text{mm}$
EI 60 C/C & E 120 C/C

CERTIFICATION:

ETA 19/0408



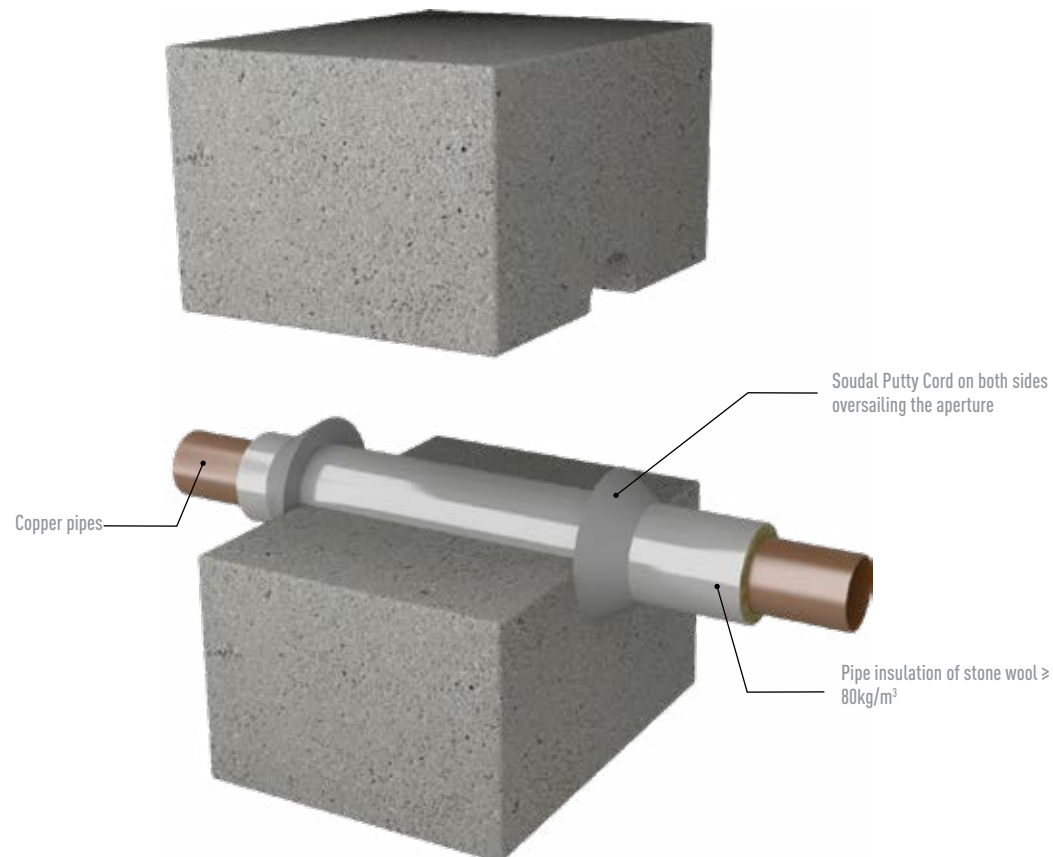
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Soudal Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}12\text{mm}$ with 20mm thick continuous pipe insulation
EI 60 C/C & E 90 C/C
- Copper pipes $\leq \text{Ø}54\text{mm}$ with 30-80mm thick continuous pipe insulation
EI 60 C/C & E 90 C/C

CERTIFICATION:

ETA 19/0408



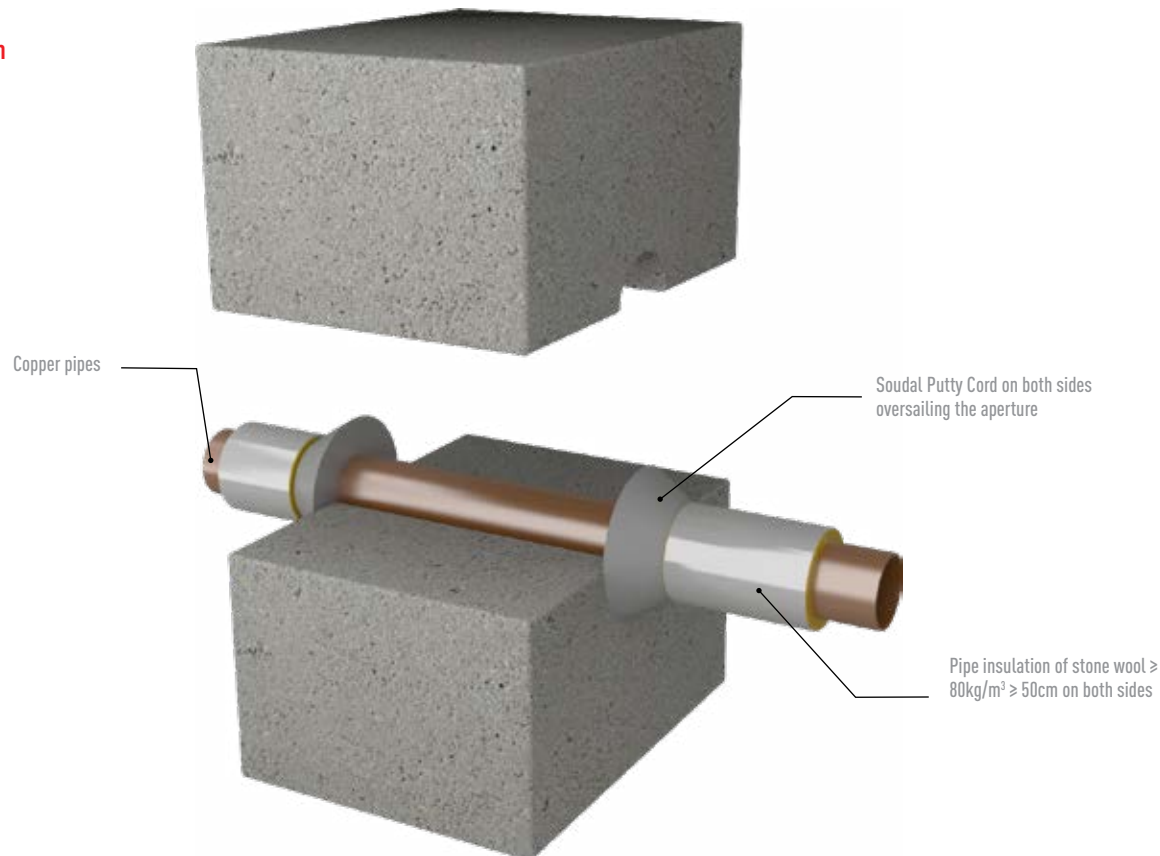
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation
EI 60 C/C & E 90 C/C

CERTIFICATION:

ETA 19/0408



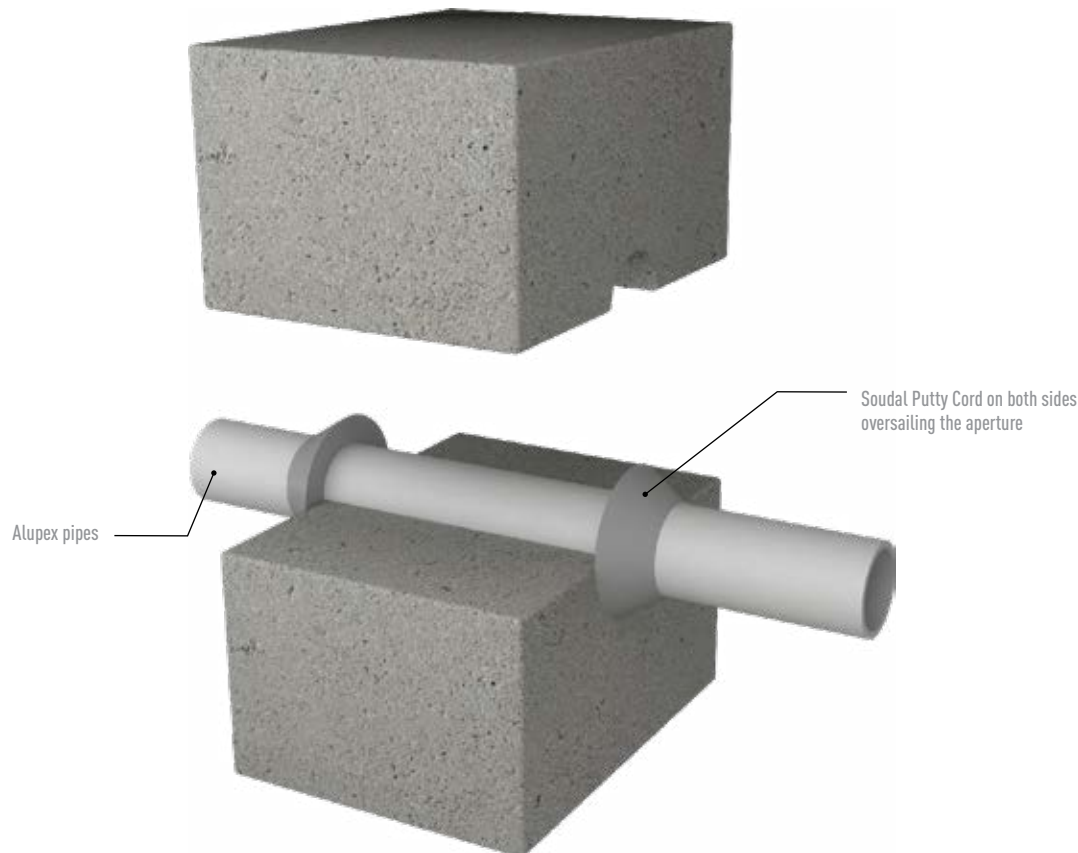
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 16\text{mm}$
EI 120 C/C & E 120 C/C
- Alupex pipes $\leq \varnothing 20\text{mm}$
EI 90 C/C & E 120 C/C

CERTIFICATION:

ETA 19/0408



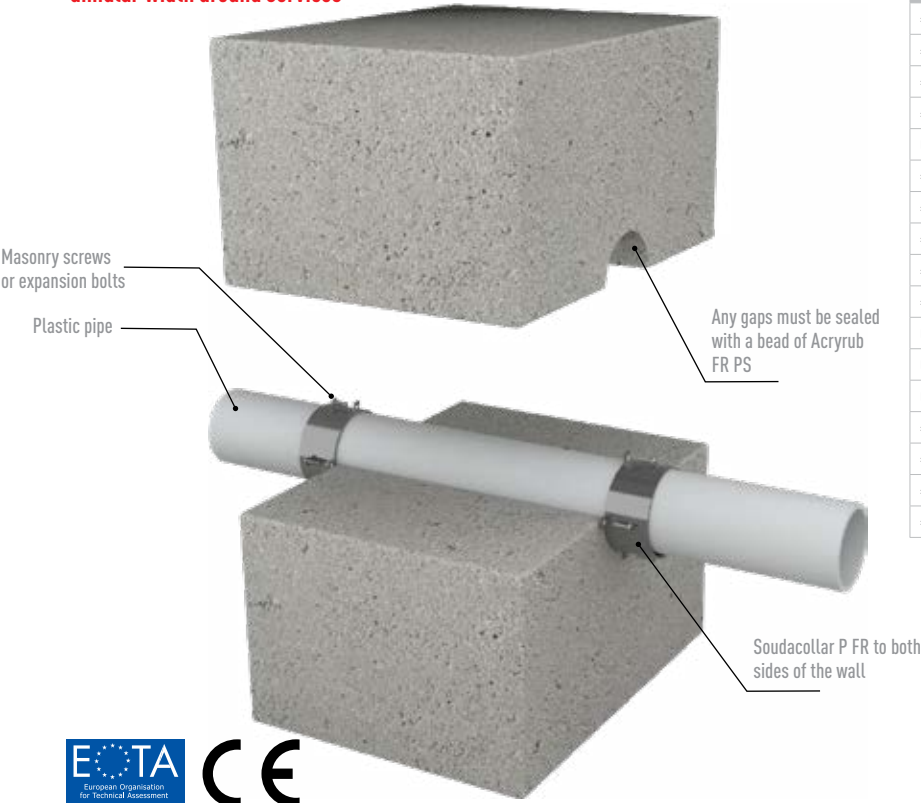
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 140$ mm PVC-U & PVC-C	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 90 C/C, EI 90 U/C, EI 60 C/U, EI 60 U/U
$\varnothing 315 \times 9.2$ mm PVC-U & PVC-C	75mm	EI 60 C/C
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 140$ mm PE, ABS & SAN+PVC	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U
$\varnothing 200 \times 18.2$ mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\varnothing 250 \times 22.7$ mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\leq \varnothing 50$ mm PP	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110$ mm PP	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 110$ mm PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160$ mm PP	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



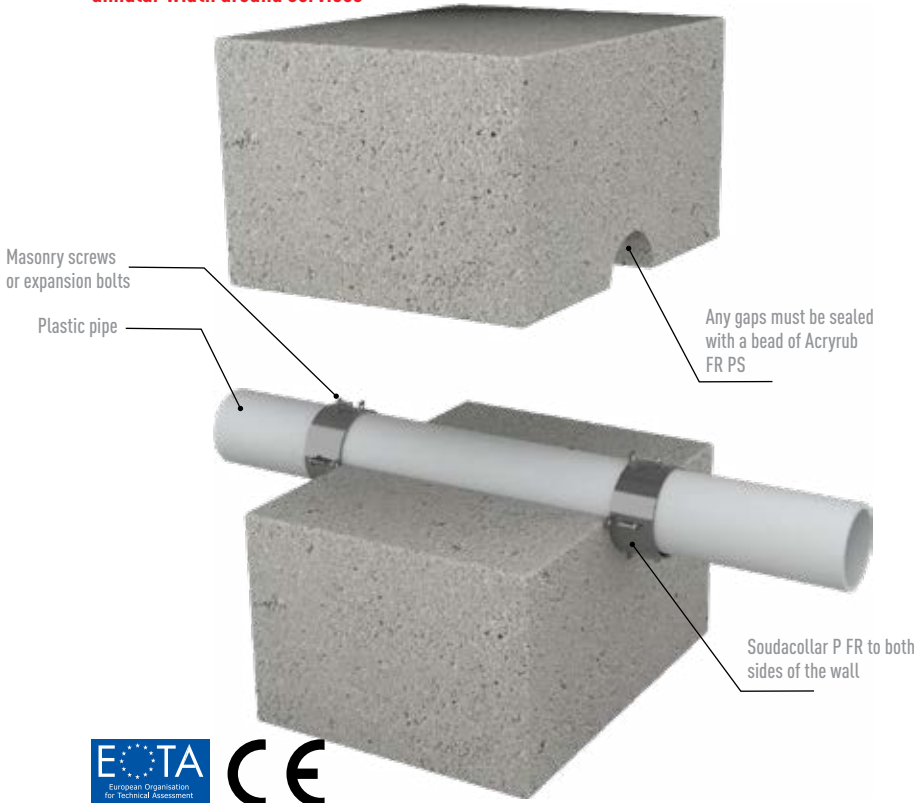
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 120 C/C
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 120 C/C
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 90 C/C (E 120)
$\varnothing 110 \times 3.4$ mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 90 C/C
$\varnothing 160 \times 9.5$ mm PE, ABS & SAN+PVC	60mm	EI 120 C/C
$\leq \varnothing 50$ mm PP	50mm	EI 120 C/C
$\leq \varnothing 110$ mm PP	50mm	EI 90 C/C (E 120)
$\leq \varnothing 140$ mm PP	60mm	EI 90 C/C (E 120)
$\varnothing 160$ mm PP	60mm	EI 120 C/C



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in tables on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\varnothing 315 \times 9.2$ mm PVC-U & PVC-C	75mm	EI 120 C/C
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
$\varnothing 200 \times 18.2$ mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\varnothing 250 \times 22.7$ mm PE, ABS & SAN+PVC	75mm	EI 90 C/C (E 120)
$\leq \varnothing 50$ mm PP	30mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm PP	50mm	EI 240 C/C, EI 240 U/C, EI 90 C/U, EI 90 U/U (E 240)
$\leq \varnothing 140$ mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 60 C/U, EI 60 U/U (E 240)
$\varnothing 160$ mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



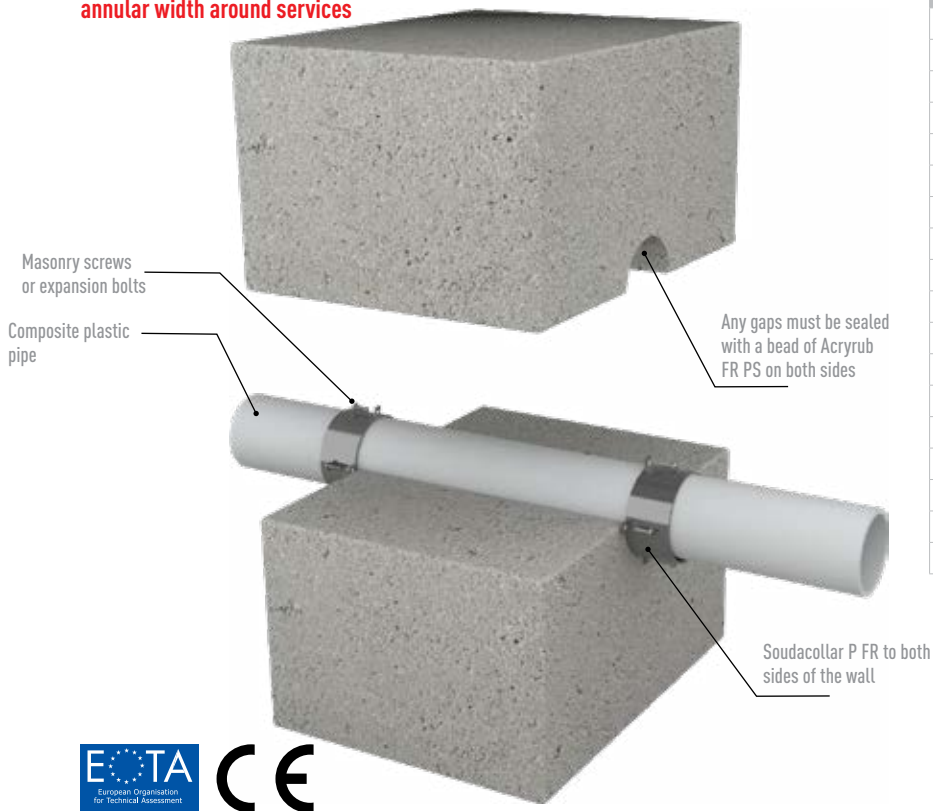
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 32$ mm Aquatherm Green SDR9	30mm	EI 120 C/C
$\leq \varnothing 50$ mm Aquatherm Green SDR9	50mm	EI 120 C/C
$\leq \varnothing 110$ mm Aquatherm Green SDR9	50mm	EI 60 C/C (E 120)
$\leq \varnothing 50$ mm BluePower	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110$ mm BluePower	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U (E 120)
$\varnothing 125$ mm BluePower	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U
$\varnothing 160$ mm BluePower	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U
$\leq \varnothing 50$ mm Geberit Silent-PP	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm Geberit Silent-PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 50$ mm Polo-Kal NG pipes	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm Polo-Kal NG pipes	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\varnothing 125$ mm Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C (E 120 C/U, E 120 U/U)
$\varnothing 160$ mm Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50$ mm Rehau Raupiano Plus	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110$ mm Rehau Raupiano Plus	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 160$ mm Rehau Raupiano Plus	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50$ mm Wavin SiTech	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm Wavin SiTech	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of composite plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only) 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



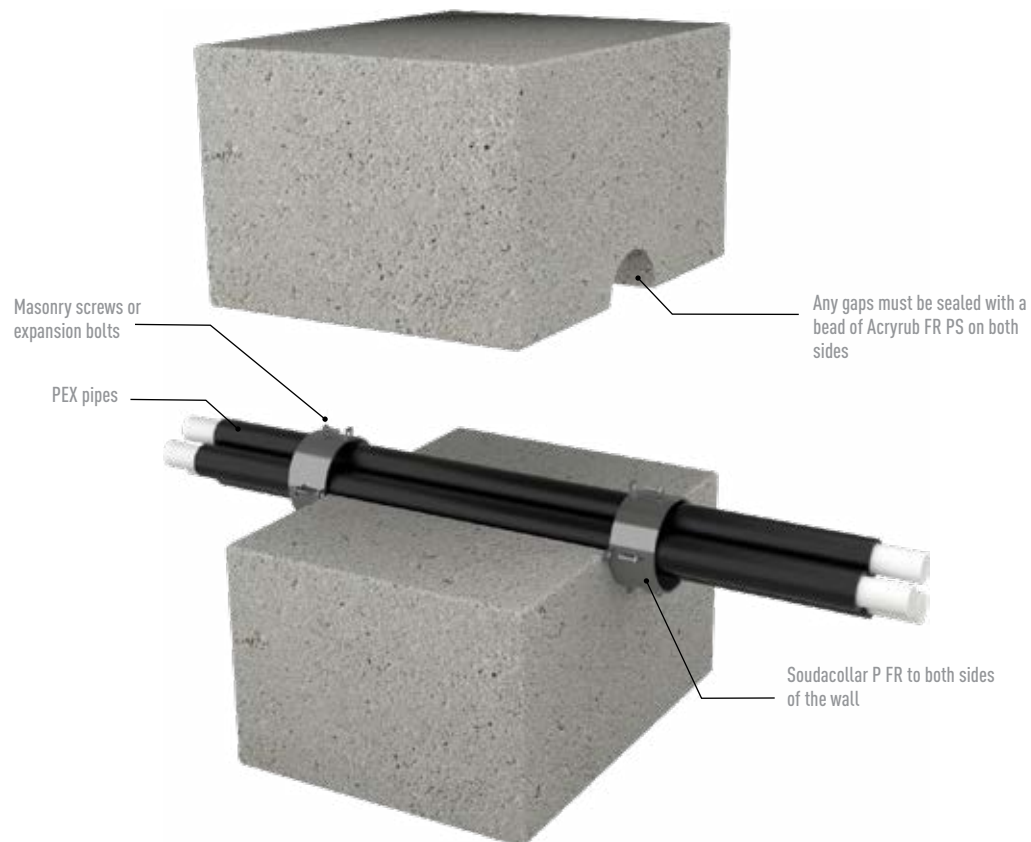
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipes and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipes and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of PEX pipe-in-pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PEX pipes $\leq \varnothing 25$ mm, single or in a bundle $\leq \varnothing 55$ mm, with collars $\leq \varnothing 55$ mm at ≥ 30 mm height
EI 90 & E 120
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



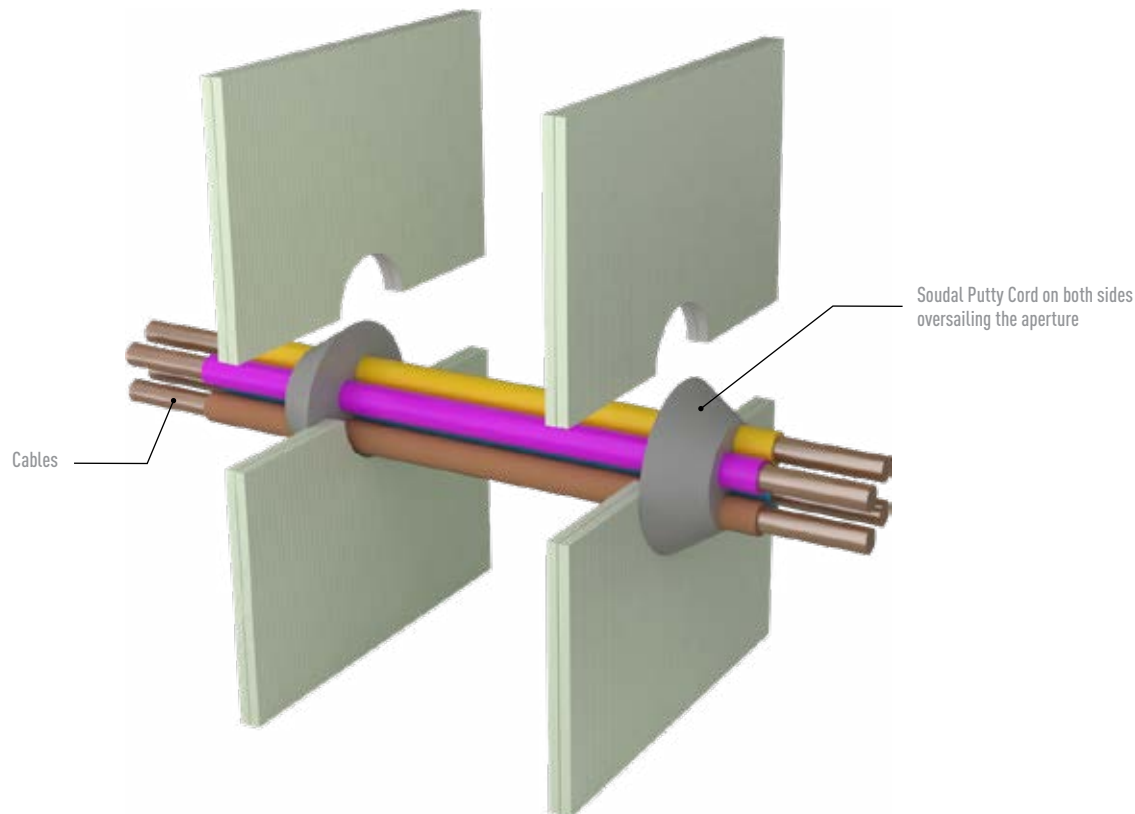
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal putty cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

**Apertures with less than 10mm
annular width around services**



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables ≤ Ø 21mm, single or in a bundle ≤ Ø 50mm
EI 120 & E 120
- Cables ≤ Ø 80mm, single or in a bundle ≤ Ø 50mm
EI 60 & E 60

CERTIFICATION:

ETA 19/0408



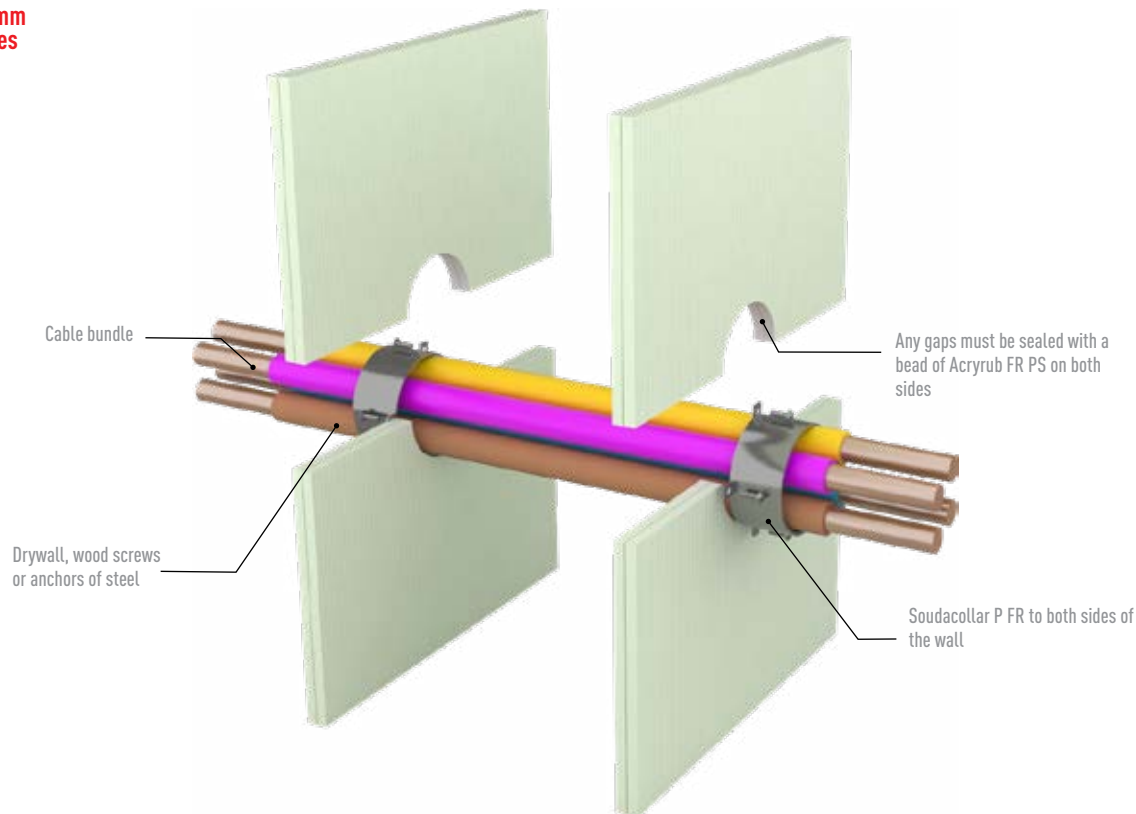
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the cable bundle and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the cable bundle and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4$ mm drywall, wood screws or anchors with a length suitable for the number of boards that form the wall.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of cable bundles in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21$ mm, in a bundle $\leq \varnothing 110$ mm, with collars $\leq \varnothing 110$ mm at ≥ 30 mm height EI 60 & E 120
- Cables $\leq \varnothing 80$ mm, in a bundle $\leq \varnothing 110$ mm, with collars $\leq \varnothing 110$ mm at ≥ 50 mm height EI 60 & E 120
- Cables $\leq \varnothing 80$ mm, in a bundle $\leq \varnothing 160$ mm, with collars $\leq \varnothing 160$ mm at ≥ 60 mm height EI 60 & E 120
- Sound reduction (seal only) 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



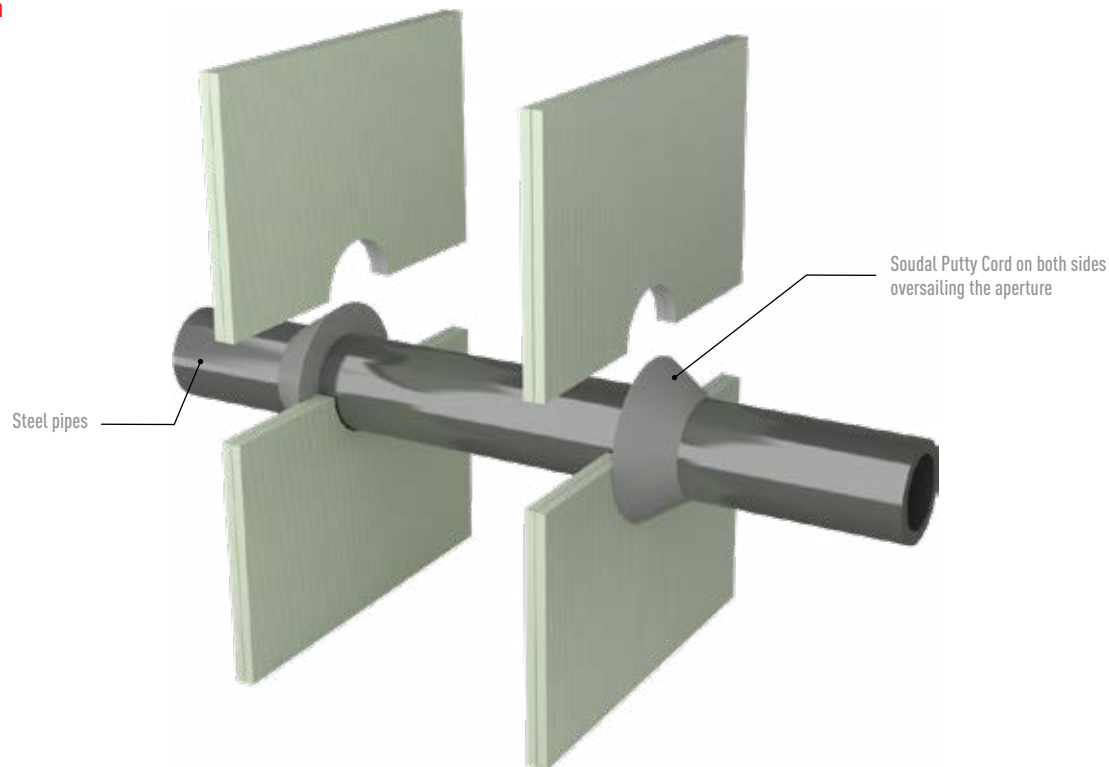
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 22\text{mm}$
EI 60 C/U & E 120 C/U
- Steel pipes $\leq \varnothing 30\text{mm}$
EI 45 C/U & E 120 C/U

CERTIFICATION:

ETA 19/0408



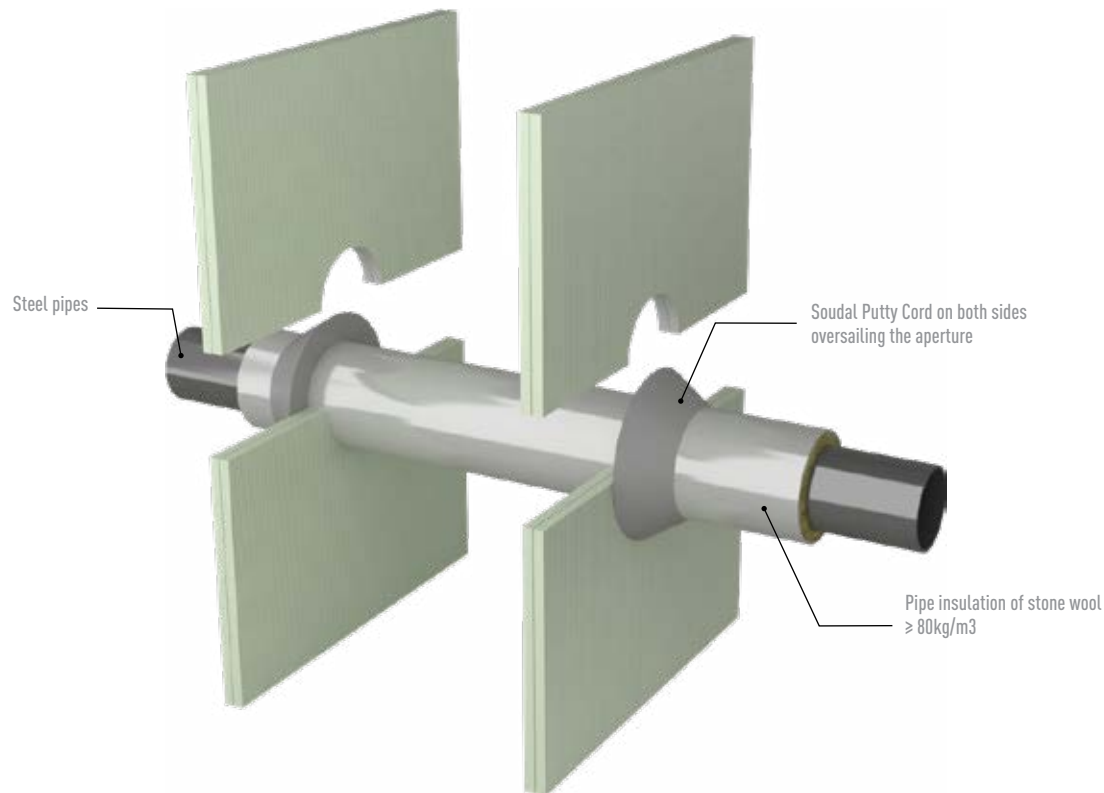
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with 20mm thick continuous pipe insulation
EI 120 C/U & E 120 C/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with 30-80mm thick continuous pipe insulation
EI 60 C/U & E 90 C/U

CERTIFICATION:

ETA 19/0408



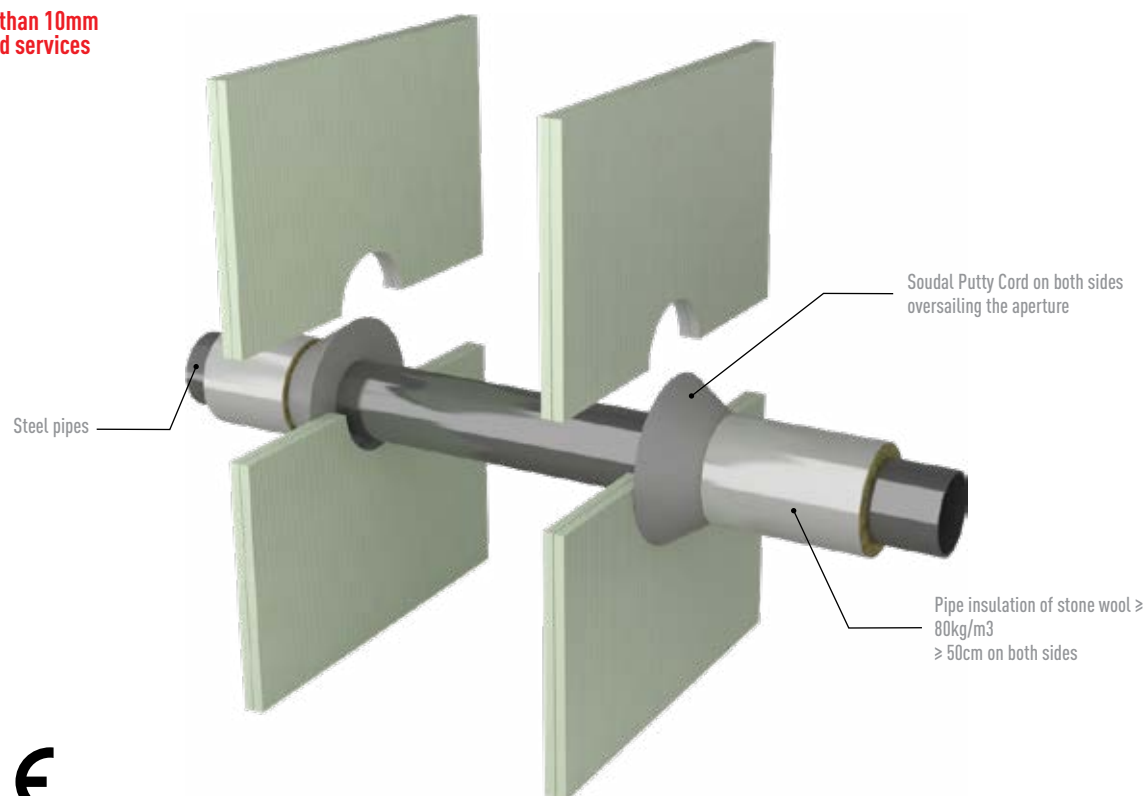
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal FR Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation
EI 120 C/U & E 120 C/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with $\geq 30\text{mm}$ thick pipe insulation
EI 120 C/U & E 120 C/U

CERTIFICATION:

ETA 19/0408



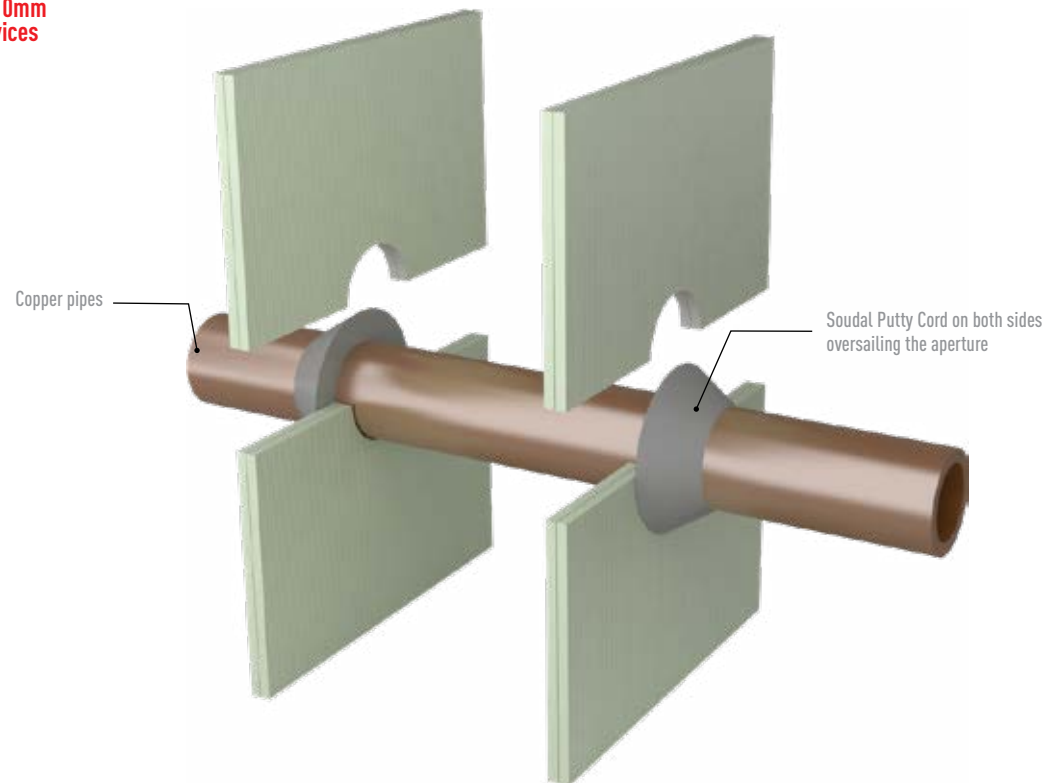
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 6\text{mm}$
EI 120 C/C & E 120 C/C
- Copper pipes $\leq \varnothing 12\text{mm}$
EI 60 C/C & E 120 C/C

CERTIFICATION:

ETA 19/0408



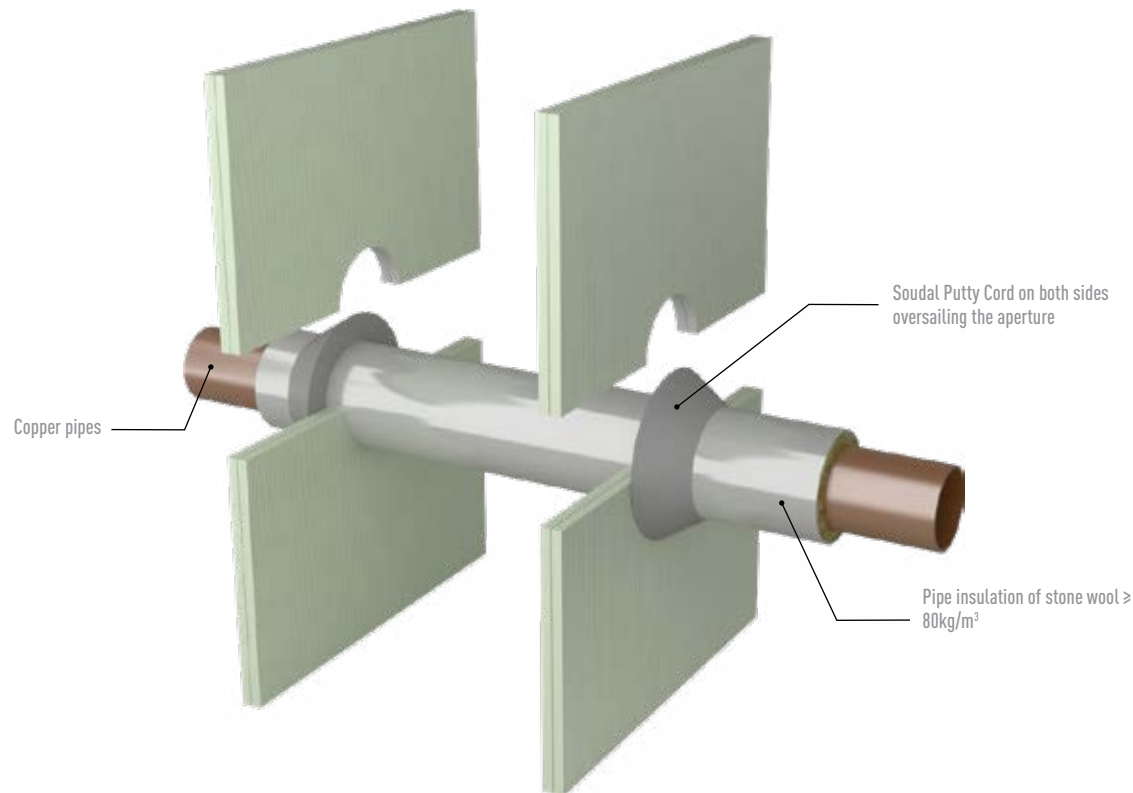
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}12\text{mm}$ with 20mm thick continuous pipe insulation
EI 60 C/C & E 90 C/C
- Copper pipes $\leq \text{Ø}54\text{mm}$ with 30-80mm thick continuous pipe insulation
EI 60 C/C & E 90 C/C

CERTIFICATION:

ETA 19/0408



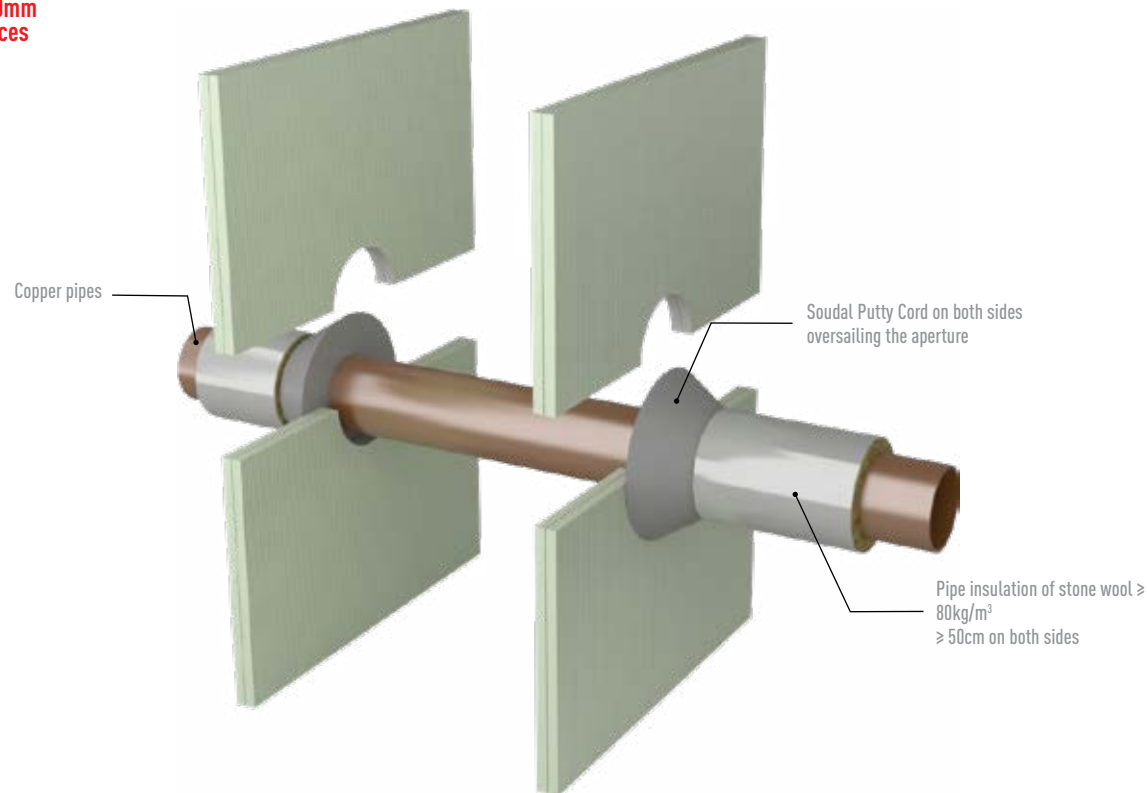
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation
EI 60 C/C & E 90 C/C

CERTIFICATION:

ETA 19/0408



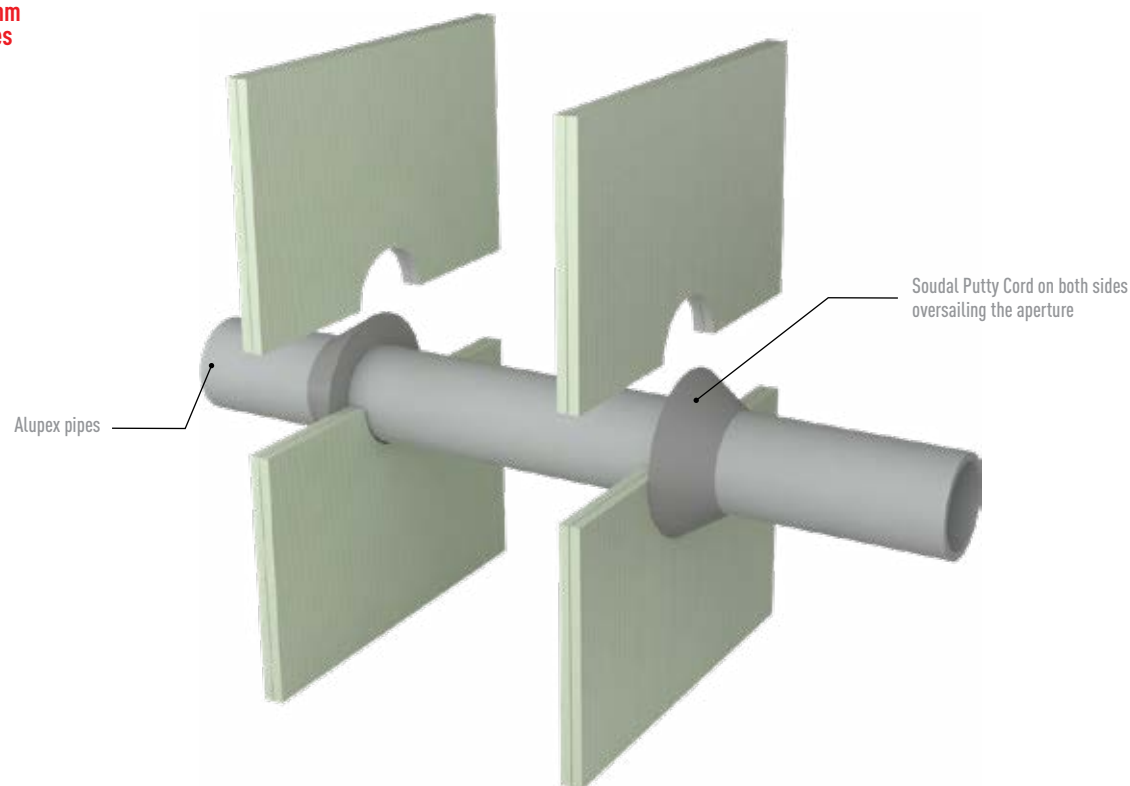
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INSTALLATION INSTRUCTIONS

Soudal Putty Cord Ø15mm

1. Before installing Soudal Putty Cord ensure that the surface of all service penetrations and surrounding construction is wiped clean, dry, free from all loose contaminants, dust, oils and grease.
2. Place the Putty Cord around the services so that it seals the services to the wall all the way round.
3. Press the Putty Cord into the wall and services with your thumbs to form a fillet or V shape joint, ensuring good contact is made all the way round the services and the wall.

Apertures with less than 10mm annular width around services



PRODUCTS

Soudal Putty Cord Ø15mm

APPLICATION

Fire stopping of alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 16\text{mm}$
EI 120 C/C & E 120 C/C
- Alupex pipes $\leq \varnothing 20\text{mm}$
EI 90 C/C & E 120 C/C

CERTIFICATION:

ETA 19/0408



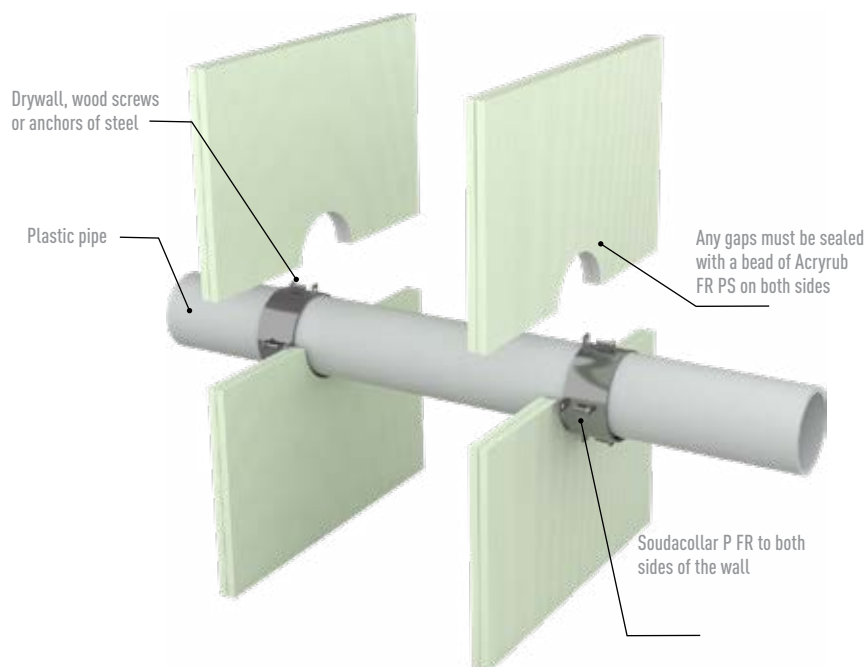
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4\text{mm}$ drywall, wood screws or anchors with a length suitable for the number of boards that form the wall.

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50\text{mm}$ PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110\text{mm}$ PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 140\text{mm}$ PVC-U & PVC-C	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160\text{mm}$ PVC-U & PVC-C	60mm	EI 90 C/C, EI 90 U/C, EI 60 C/U, EI 60 U/U
$\varnothing 315 \times 9.2\text{mm}$ PVC-U & PVC-C	75mm	EI 60 C/C
$\leq \varnothing 50\text{mm}$ PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 50\text{mm}$ PE, ABS & SAN+PVC	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110\text{mm}$ PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 110\text{mm}$ PE, ABS & SAN+PVC	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 140\text{mm}$ PE, ABS & SAN+PVC	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\varnothing 160\text{mm}$ PE, ABS & SAN+PVC	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U
$\varnothing 200 \times 18.2\text{mm}$ PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\varnothing 250 \times 22.7\text{mm}$ PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\leq \varnothing 50\text{mm}$ PP	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110\text{mm}$ PP	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 110\text{mm}$ PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160\text{mm}$ PP	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only) 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



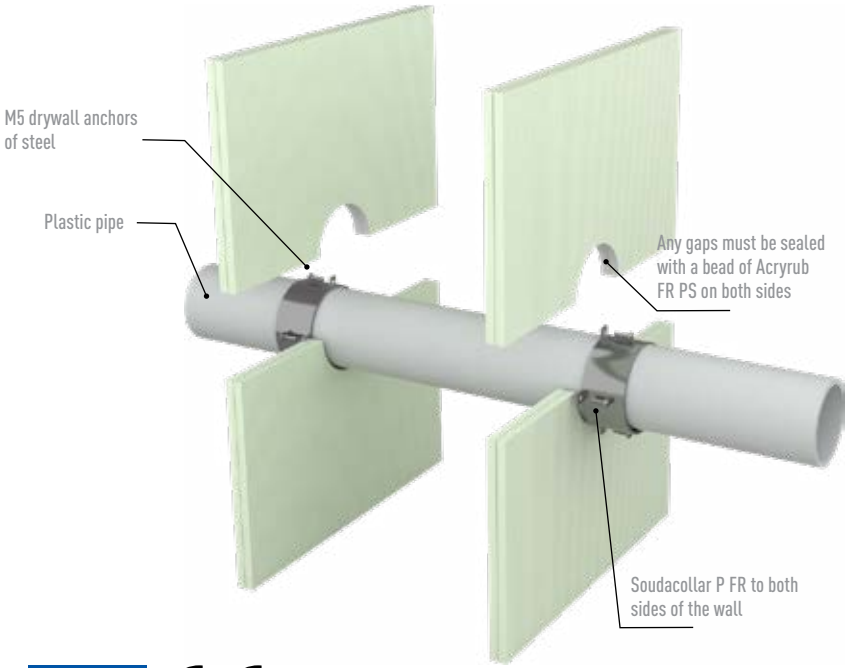
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with M5 drywall anchors with a length suitable for the number of boards that form the wall.

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
≤ Ø110mm PVC-U & PVC-C	50mm	EI 120 C/C
≤ Ø160mm PVC-U & PVC-C	60mm	EI 120 C/C
≤ Ø50mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
≤ Ø110mm PE, ABS & SAN+PVC	50mm	EI 90 C/C (E 120)
Ø110x3.4mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
≤ Ø160mm PE, ABS & SAN+PVC	60mm	EI 90 C/C
Ø160x9.5mm PE, ABS & SAN+PVC	60mm	EI 120 C/C
≤ Ø50mm PP	50mm	EI 120 C/C
≤ Ø110mm PP	50mm	EI 90 C/C (E 120)
≤ Ø140mm PP	60mm	EI 90 C/C (E 120)
Ø160mm PP	60mm	EI 120 C/C



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in 2 hour fire rated flexible walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



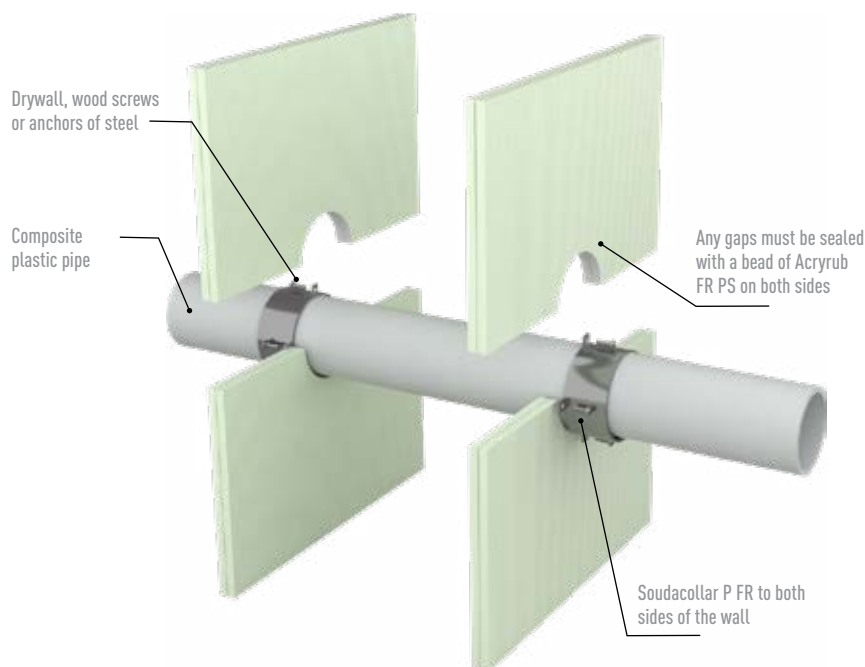
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipe and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4\text{mm}$ drywall, wood screws or anchors with a length suitable for the number of boards that form the wall.

Apertures with less than 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 32\text{mm}$ Aquatherm Green SDR9	30mm	EI 120 C/C
$\leq \varnothing 50\text{mm}$ Aquatherm Green SDR9	50mm	EI 120 C/C
$\leq \varnothing 110\text{mm}$ Aquatherm Green SDR9	50mm	EI 60 C/C (E 120)
$\leq \varnothing 50\text{mm}$ BluePower	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110\text{mm}$ BluePower	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U (E 120)
$\varnothing 125\text{mm}$ BluePower	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U
$\varnothing 160\text{mm}$ BluePower	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U
$\leq \varnothing 50\text{mm}$ Geberit Silent-PP	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110\text{mm}$ Geberit Silent-PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 50\text{mm}$ Polo-Kal NG pipes	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110\text{mm}$ Polo-Kal NG pipes	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\varnothing 125\text{mm}$ Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C (E 120 C/U, E 120 U/U)
$\varnothing 160\text{mm}$ Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50\text{mm}$ Rehau Raupiano Plus	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110\text{mm}$ Rehau Raupiano Plus	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 160\text{mm}$ Rehau Raupiano Plus	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50\text{mm}$ Wavin SiTech	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110\text{mm}$ Wavin SiTech	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of composite plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only) 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



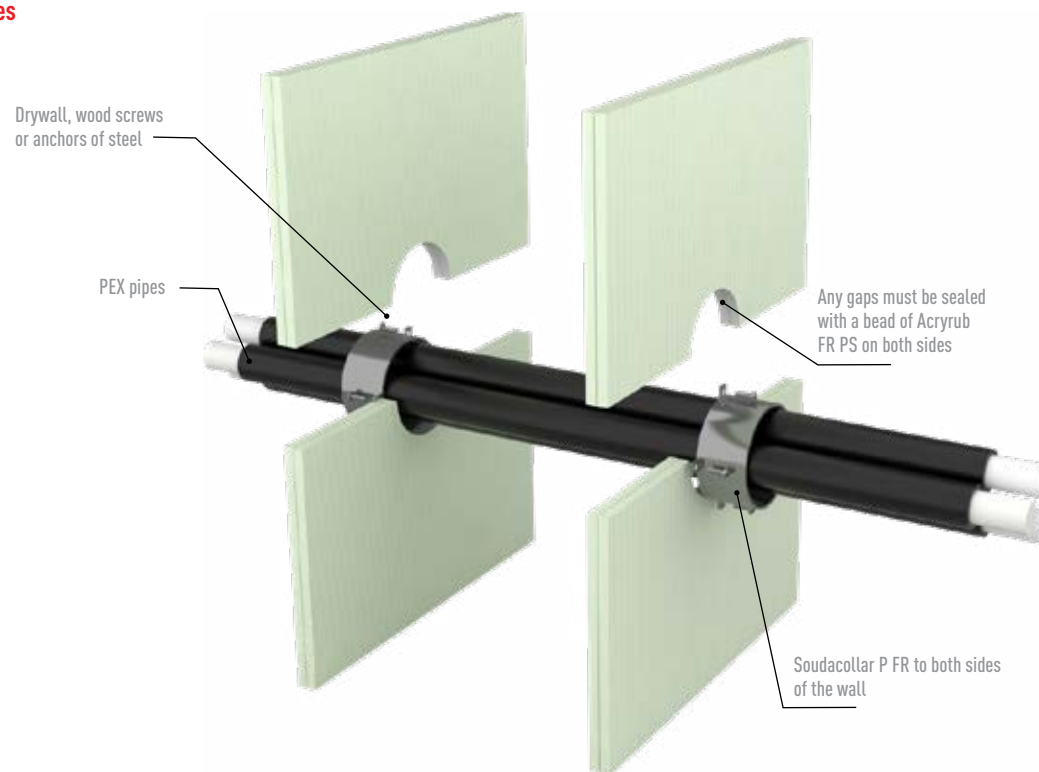
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that any gaps between the pipes and the separating element are sealed with a bead of Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipes and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4$ mm drywall, wood screws or anchors with a length suitable for the number of boards that form the wall.

Apertures with less than 10mm
annular width around services



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of alupex pipes in flexible
walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards

FIRE & SOUND CLASSIFICATION

- PEX pipes $\leq \varnothing 25$ mm, single or in a bundle
 $\leq \varnothing 55$ mm, with collars $\leq \varnothing 55$ mm at $\geq$
30mm height
EI 90 & E 120
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



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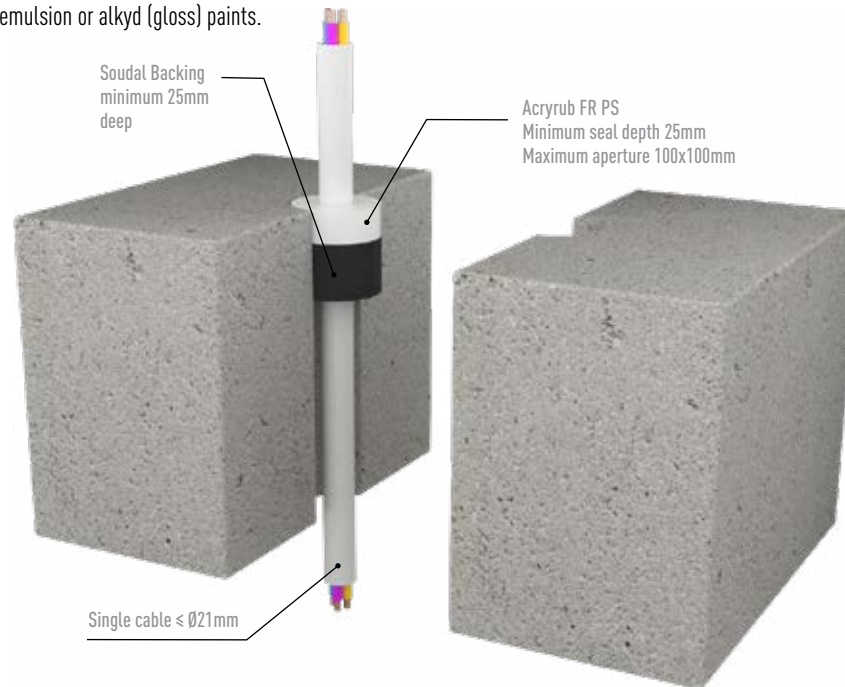
Service penetration solutions
with gaps $\geq 10\text{mm}$ and $\leq 30\text{mm}$

Appendix II

INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing Acryrub FR PS in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of cables in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Single sided seal top or soffit face position
EI 60 & E 120
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

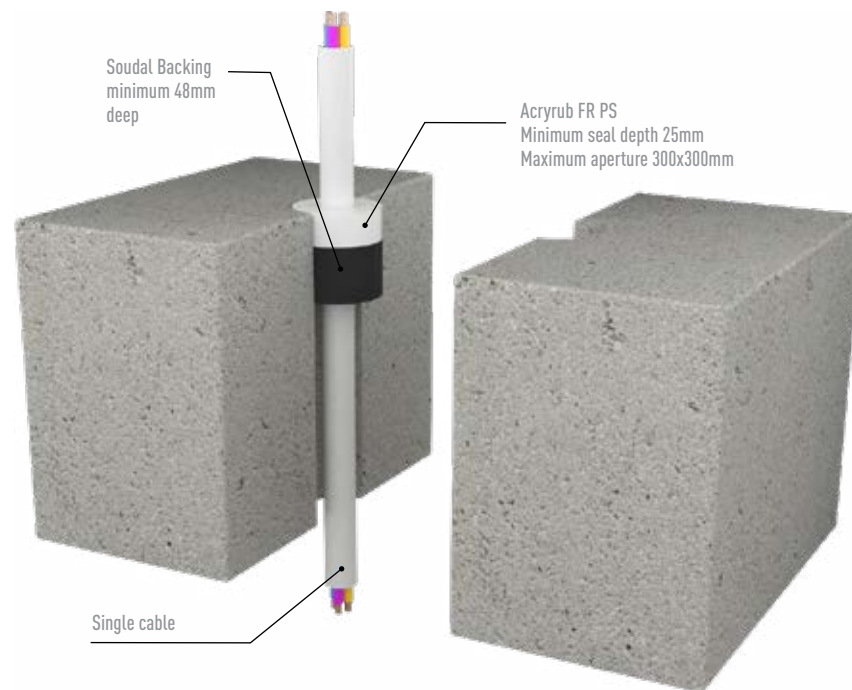


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing Acryrub FR PS in hollow floor slabs or boards, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of cables in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Cable ≤ Ø21mm single sided seal top face position
EI 90 & E 120
- Cable Ø23-27mm 1x185mm² core with PVC sheath single sided seal top face position
EI 240 & E 240
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

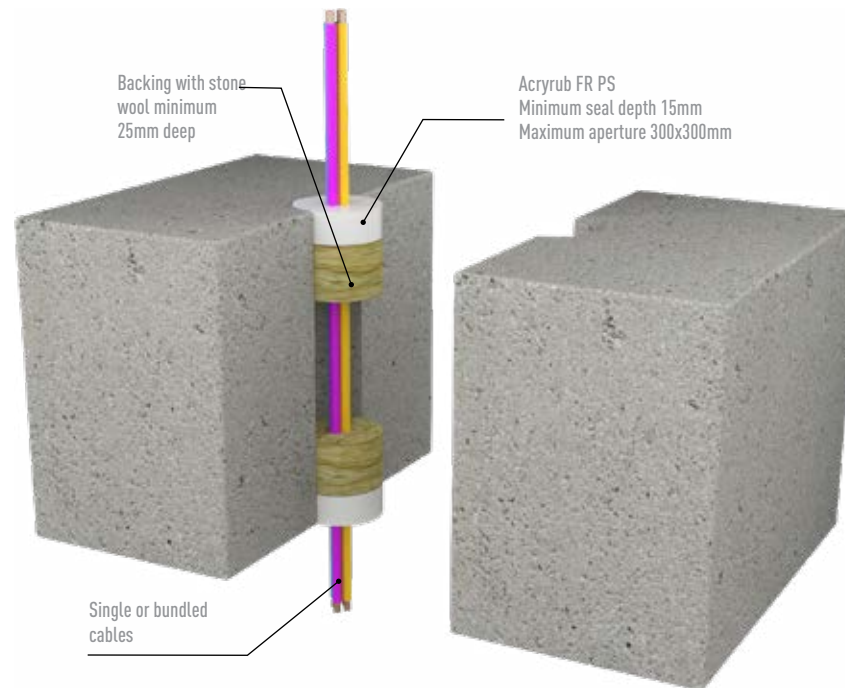


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of cables in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Cables ≤ Ø21mm single or in a bundle ≤ Ø100mm
EI 120 & E 120
- Cables ≤ Ø50mm single or in a bundle ≤ Ø100mm
EI 90 & E 120
- Cables ≤ Ø80mm single or in a bundle ≤ Ø100mm
EI 60 & E 120
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

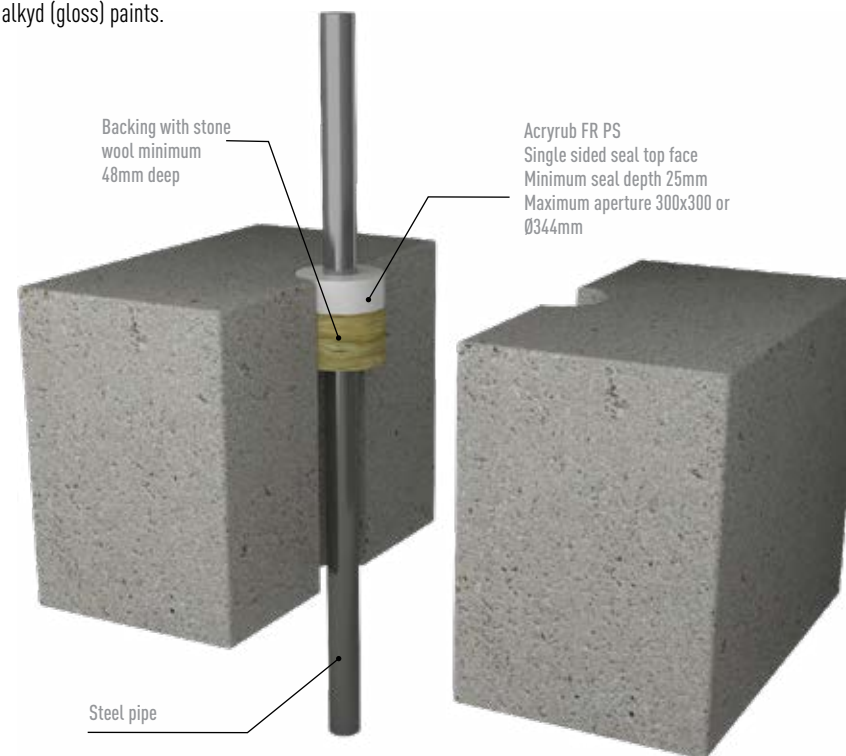


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkylid (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipe ≤ Ø16mm
EI 120 C/U & E 120 C/U
- Steel pipe ≤ Ø324mm
E 120 C/U
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

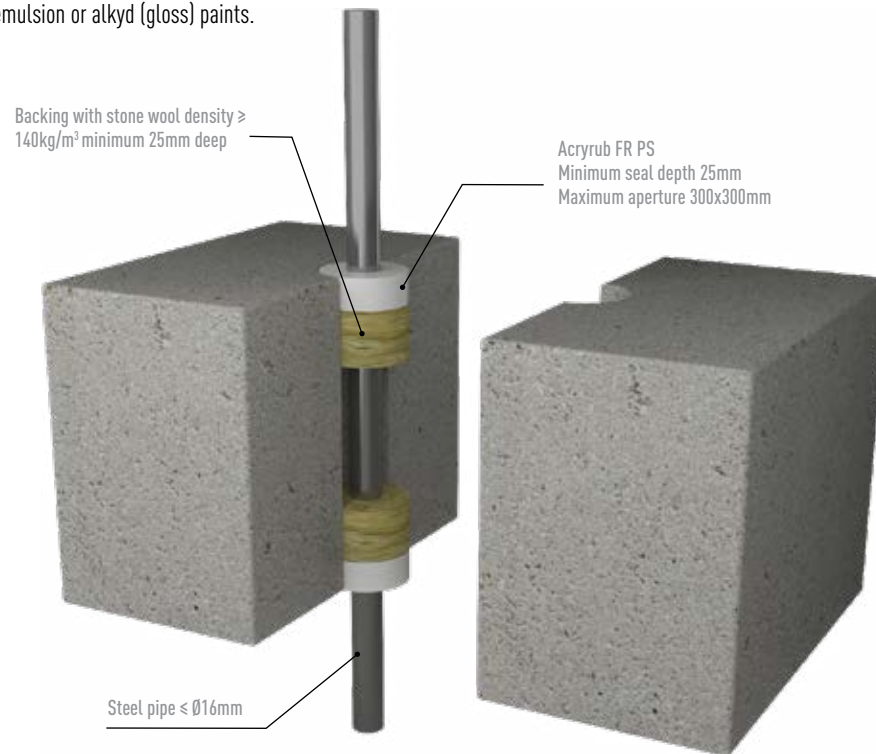


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3 .

FIRE & SOUND CLASSIFICATION

- Double sided seal
EI 240 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

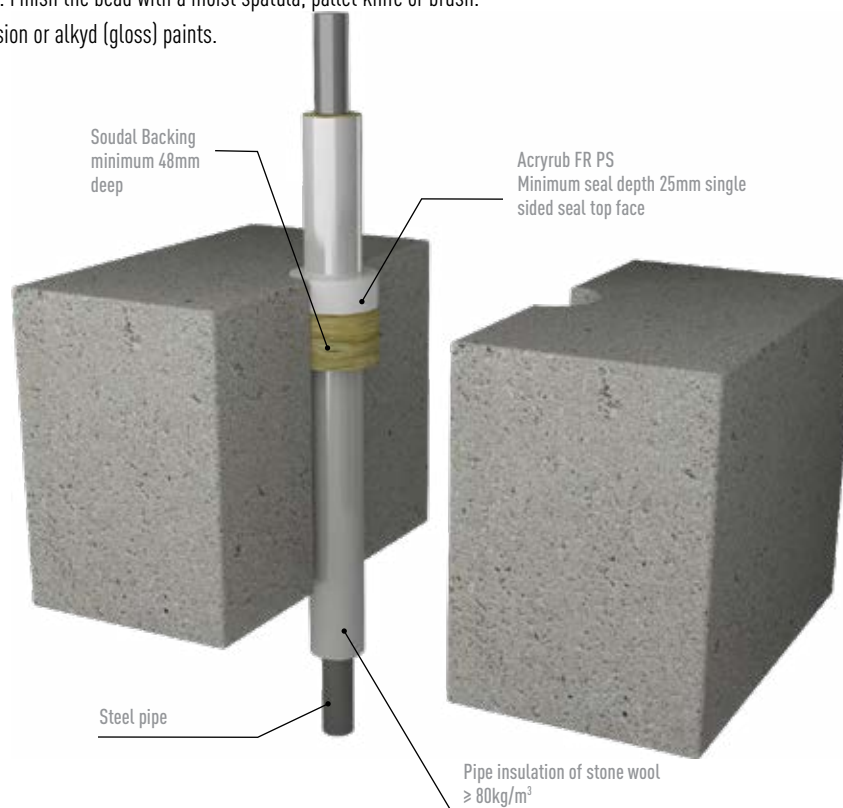


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3 .

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 324\text{mm}$ with 20-80mm thick continuous pipe insulation in maximum aperture $300 \times 300\text{mm}$ or $\varnothing 504\text{mm}$
EI 240 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

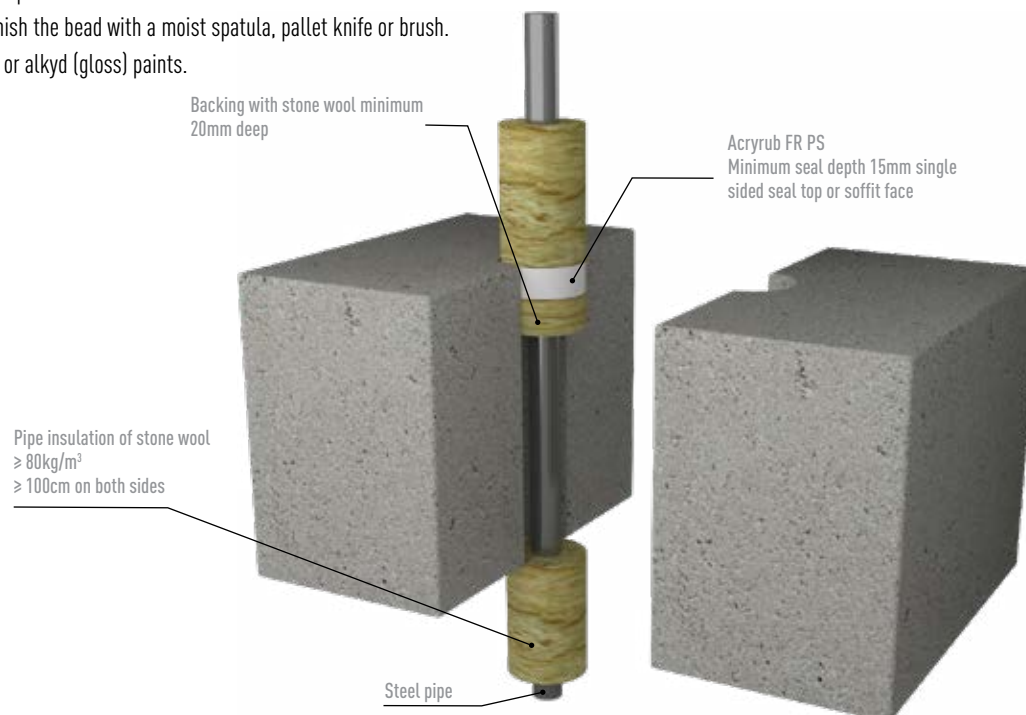


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing Acryrub FR PS in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipe ≤ Ø40mm with ≥ 20mm thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 90 C/U
- Steel pipe ≤ Ø40mm with ≥ 20mm thick pipe insulation and annular ring width 10mm
EI 240 C/U & E 240 C/U
- Steel pipe ≤ Ø219mm with ≥ 30mm thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 90 C/U
- Steel pipe ≤ Ø219mm with ≥ 30mm thick pipe insulation and annular ring width 10mm
EI 90 C/U & E 240 C/U
- Sound reduction (seal only) Rw 62dB

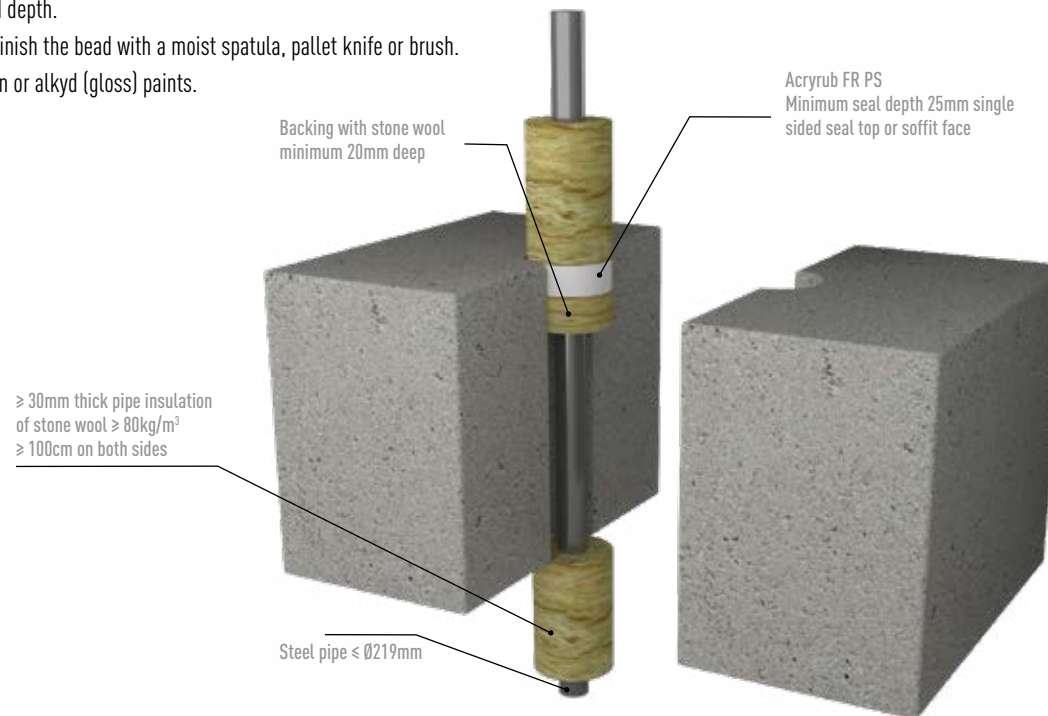
CERTIFICATION:

ETA 19/0414

INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing Acryrub FR PS in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipe ≤ Ø40mm with ≥ 20mm thick pipe insulation in maximum aperture 300x300mm or 100x1000mm
EI 90 C/U & E 120 C/U
- Steel pipe ≤ Ø219mm with ≥ 30mm thick pipe insulation in maximum aperture 300x300mm or 100x1000mm
EI 90 C/U & E 120 C/U
- Sound reduction (seal only)

CERTIFICATION:

ETA 19/0414

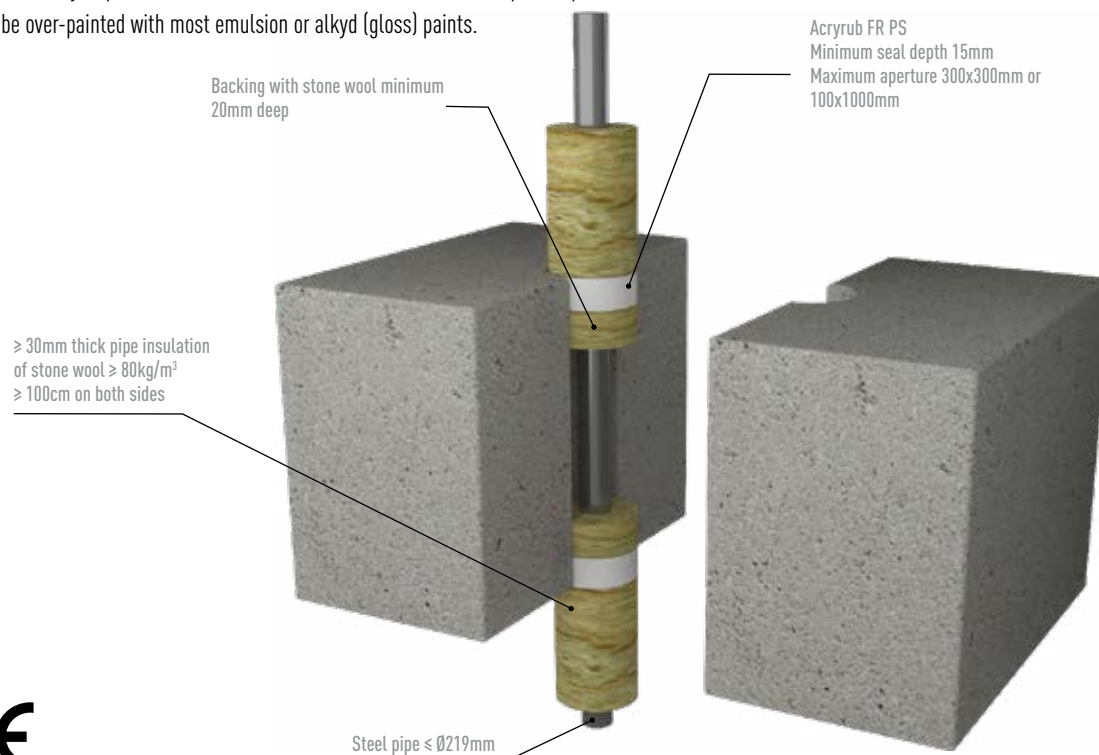


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkylid (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Double sided seal
EI 120 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

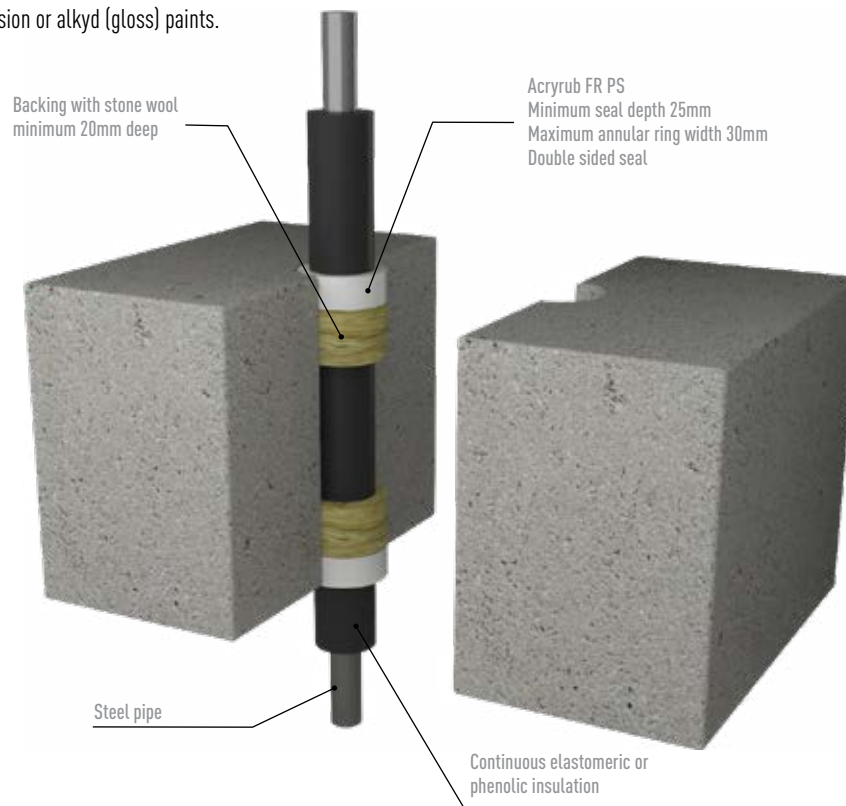


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 40\text{mm}$ with 13 – 19mm thick
pipe insulation
EI 180 C/U & E 180 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

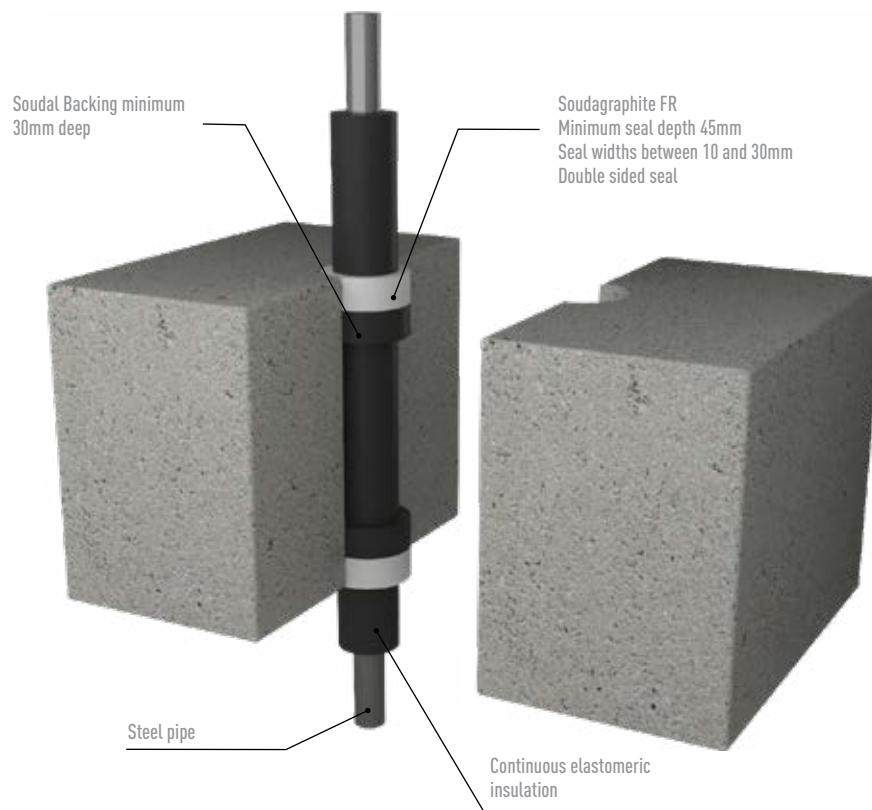


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INSTALLATION INSTRUCTIONS

Soudagraphite FR & Soudal Backing

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR
Soudal Backing

APPLICATION

Fire stopping of steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipe ≤ Ø324mm with 25 – 49mm thick pipe insulation
EI 60 C/U
- Steel pipe ≤ Ø324mm with 50mm thick pipe insulation
EI 120 C/U
- Sound reduction (seal only)
Rw 53dB

CERTIFICATION:

ETA 19/0414

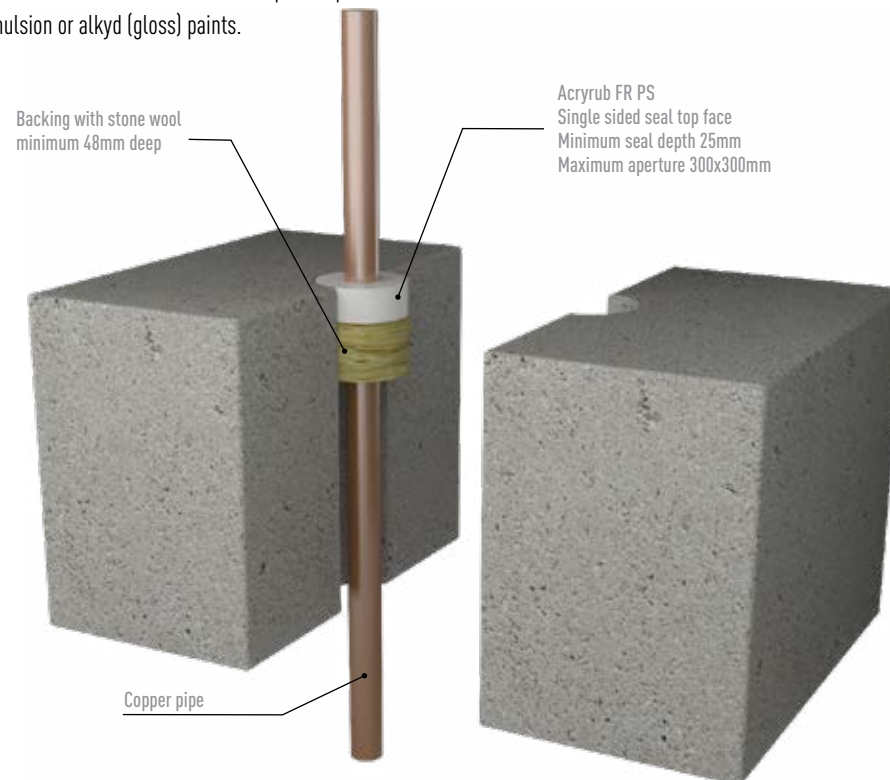


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipe ≤ Ø6mm
EI 120 C/C & E 120 C/C
- Copper pipe ≤ Ø15mm
EI 60 C/C & E 120 C/C
- Copper pipe ≤ Ø54mm
E 120 C/C
- Sound reduction (seal only)
Rw 62 dB

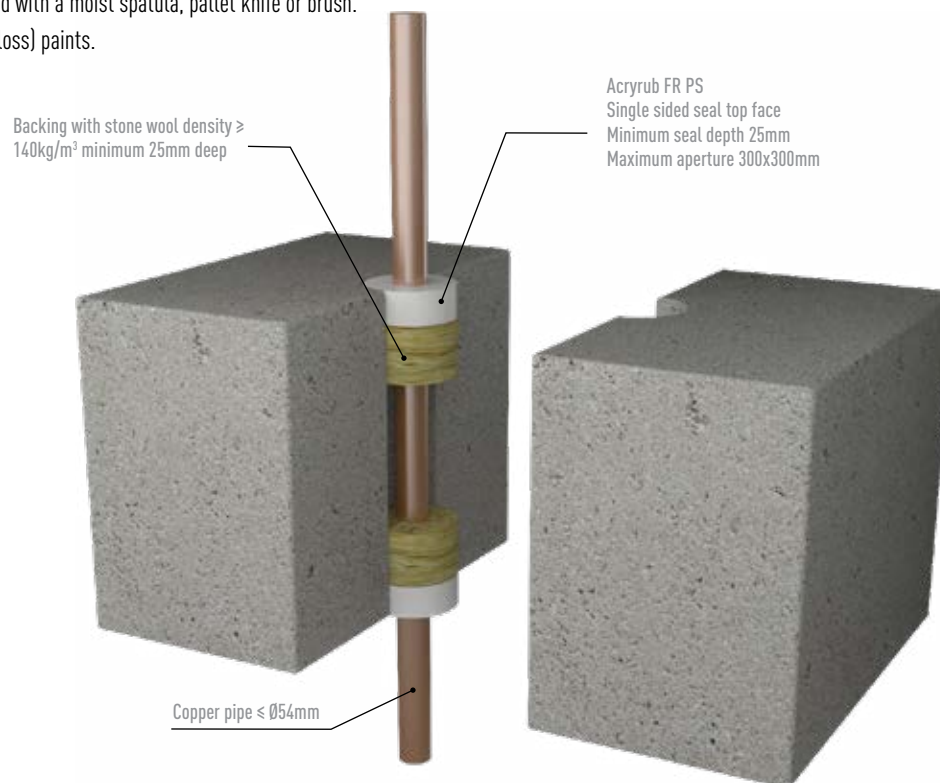
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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Double sided seal
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

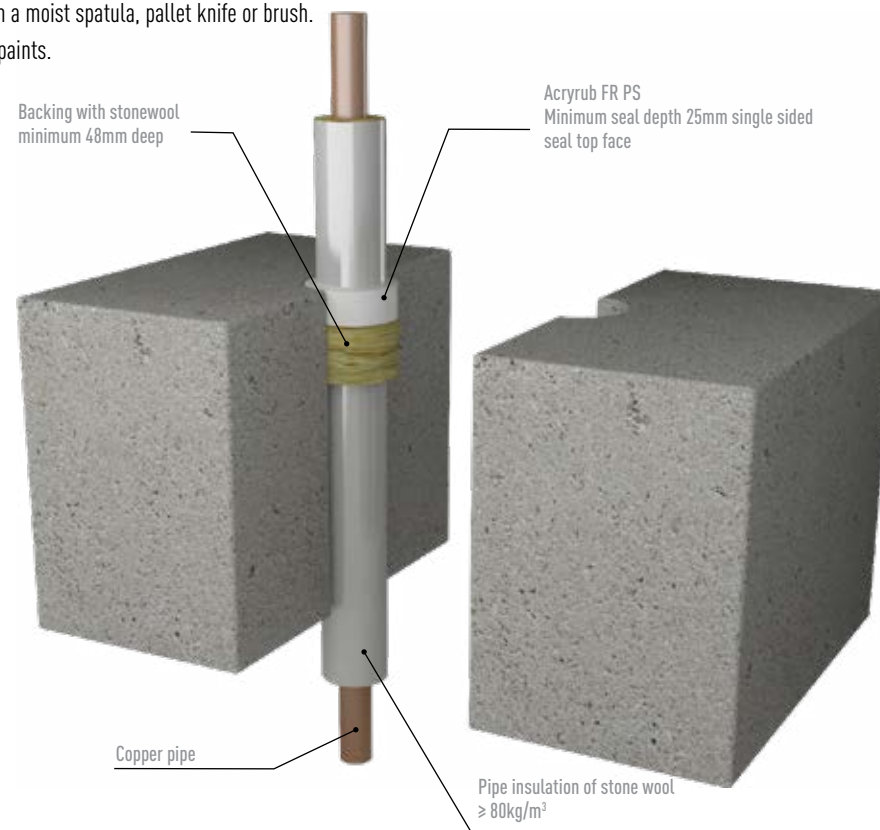


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipe ≤ Ø12mm with 20-80mm thick continuous pipe insulation in maximum aperture 300x300mm
EI 240 C/C & E 240 C/C
- Copper pipe ≤ Ø54mm with 20-80mm thick continuous pipe insulation in maximum aperture 300x300mm
EI 180 C/C & E 240 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

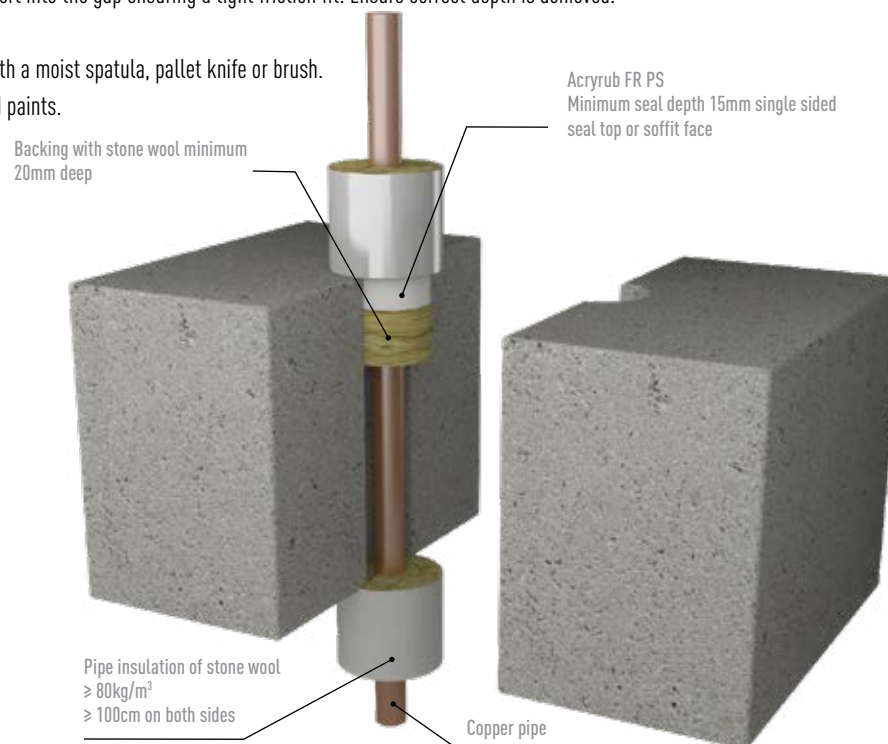


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing Acryrub FR PS in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipe ≤ Ø12mm with ≥ 20mm thick pipe insulation and annular ring width 10mm
EI 240 C/U & E 240 C/U
- Copper pipe ≤ Ø54mm with ≥ 20mm thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 90 C/U
- Copper pipe ≤ Ø54mm with ≥ 20mm thick pipe insulation and annular ring width 10mm
EI 180 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

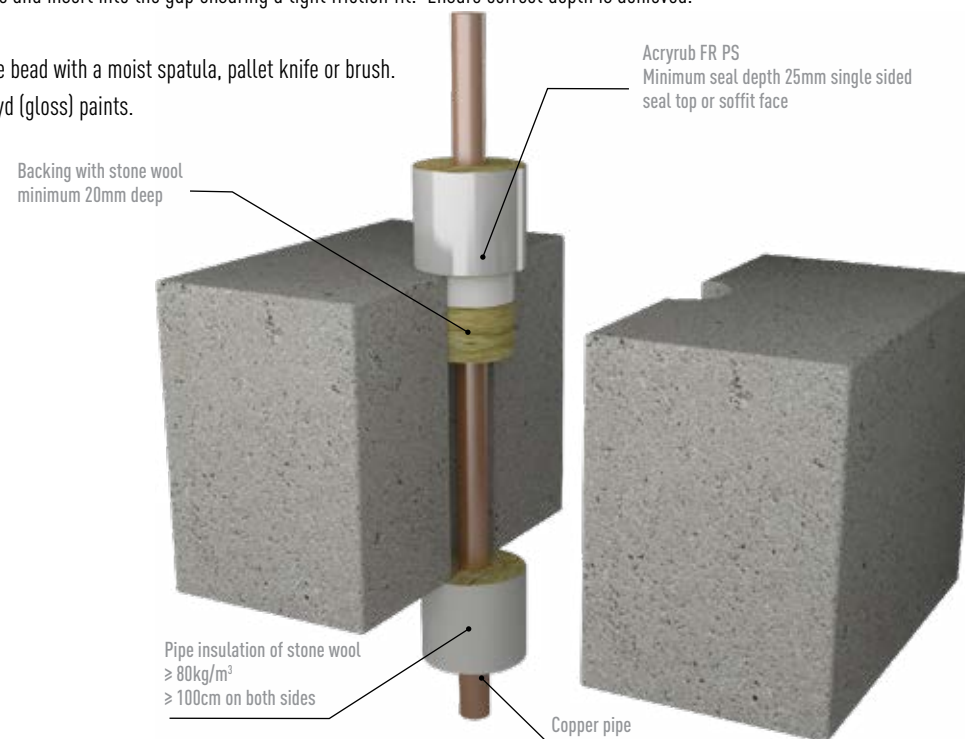


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing Acryrub FR PS in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipe ≤ Ø54mm with ≥ 20mm
thick pipe insulation in maximum aperture
300x300mm or 100x1000mm
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

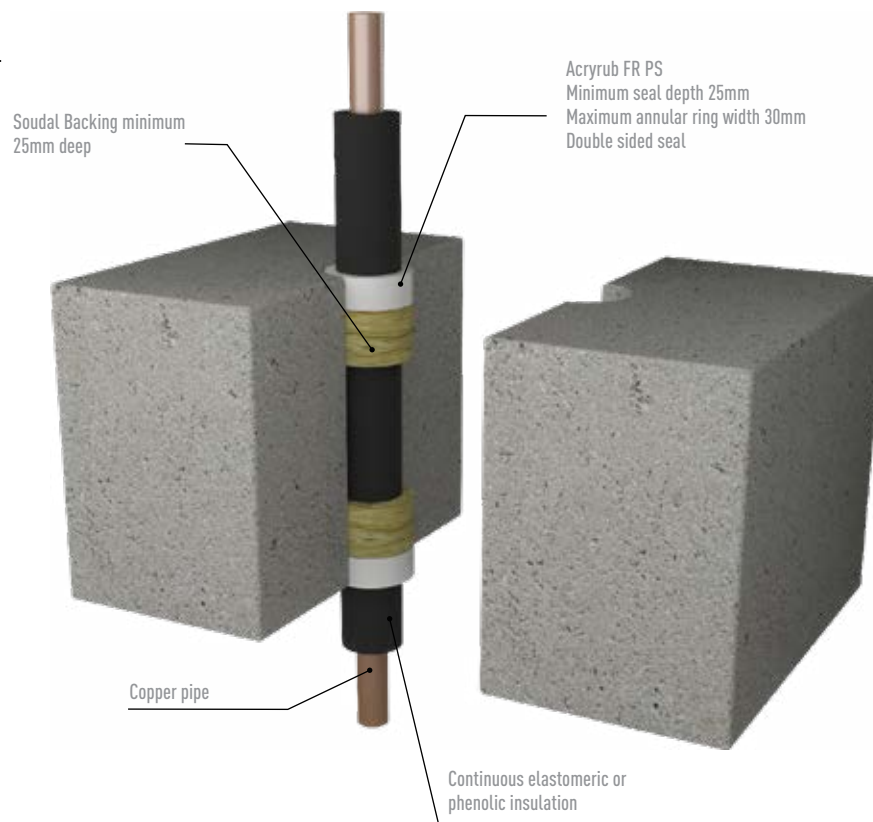


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipe ≤ Ø12mm with 9mm thick pipe insulation
EI 180 C/C & E 240 C/C
- Copper pipe ≤ Ø54mm with 9-13mm thick pipe insulation
EI 120 C/C & E 180 C/C
- Copper pipe ≤ Ø54mm with 14-25mm thick pipe insulation
EI 60 C/C & E 90 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

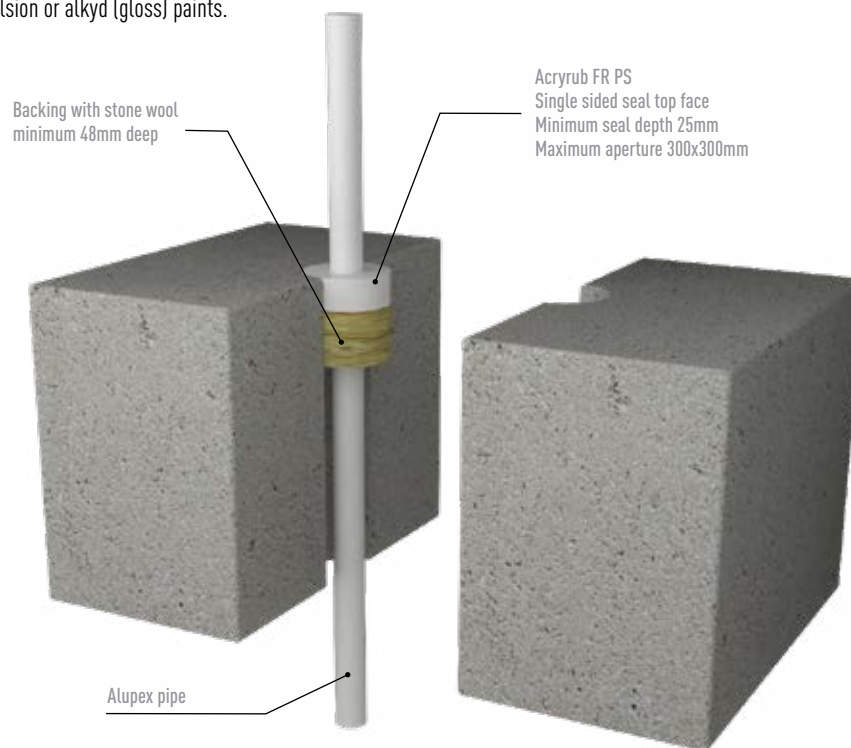


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid floors

CONSTRUCTION

mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Alupex pipe ≤ Ø20mm
EI 120 C/C & E 120 C/C
- Alupex pipe ≤ Ø75mm
EI 90 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

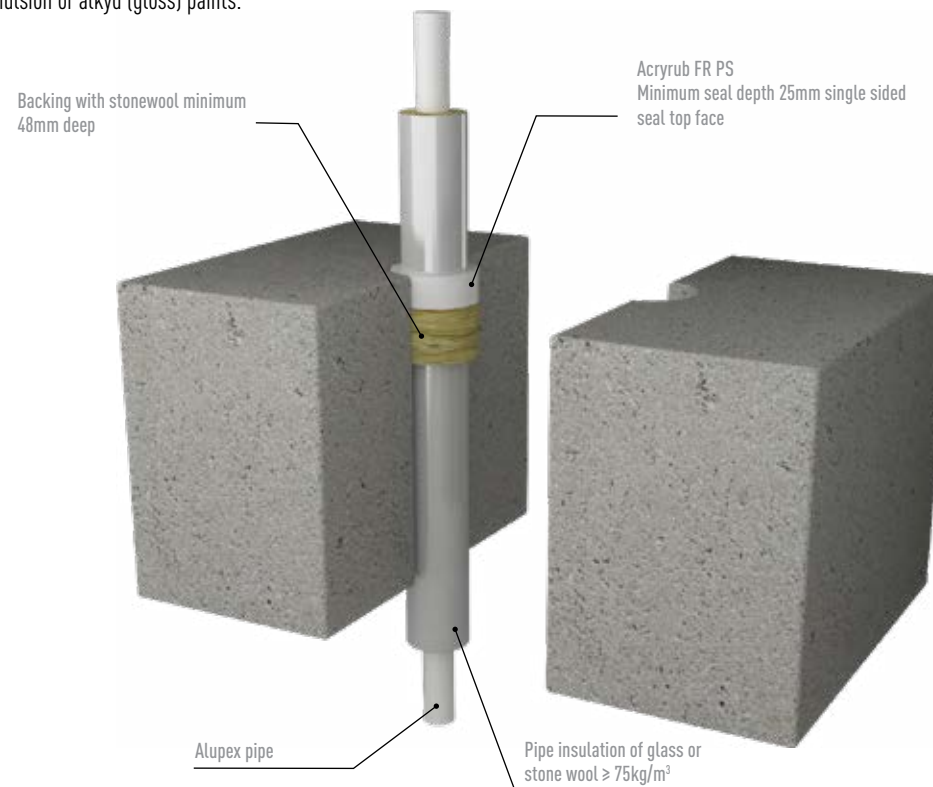


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m^3

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with 20-50mm thick
continuous pipe insulation in maximum
aperture 300x300mm
EI 120 C/C & E 180 C/C
- Sound reduction (seal only)
Rw 62dB

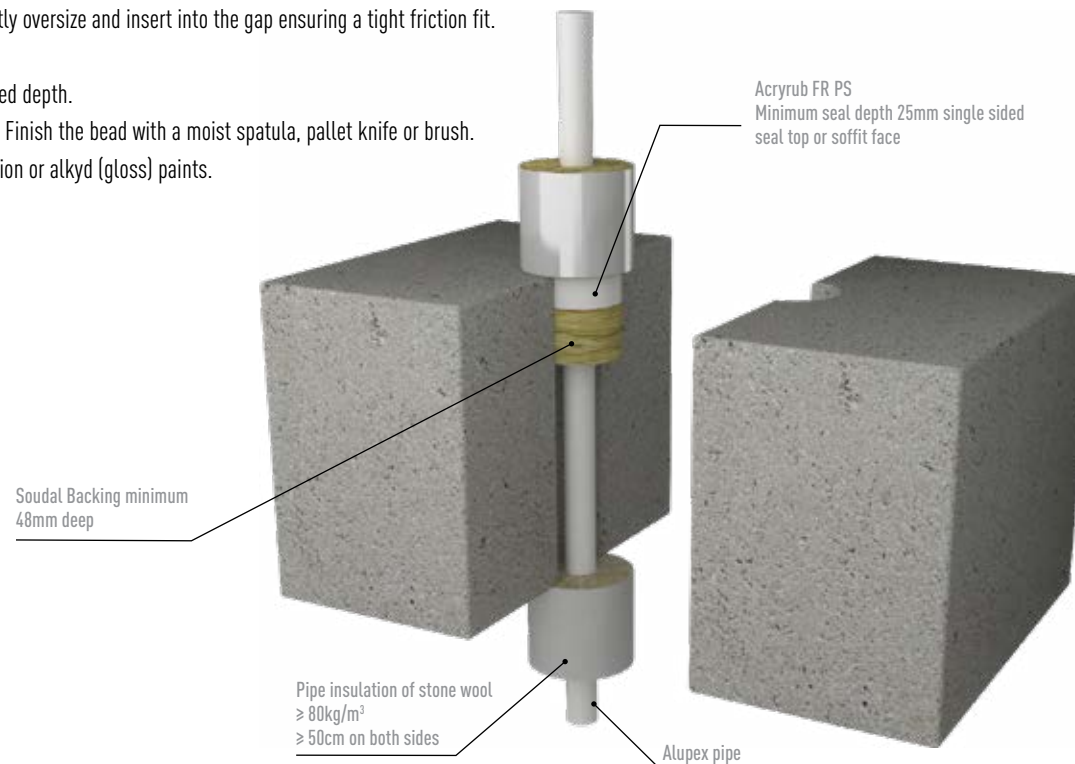
CERTIFICATION:

ETA 19/0414

INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing Acryrub FR PS in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture $300 \times 300\text{mm}$
EI 240 C/C & E 240 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

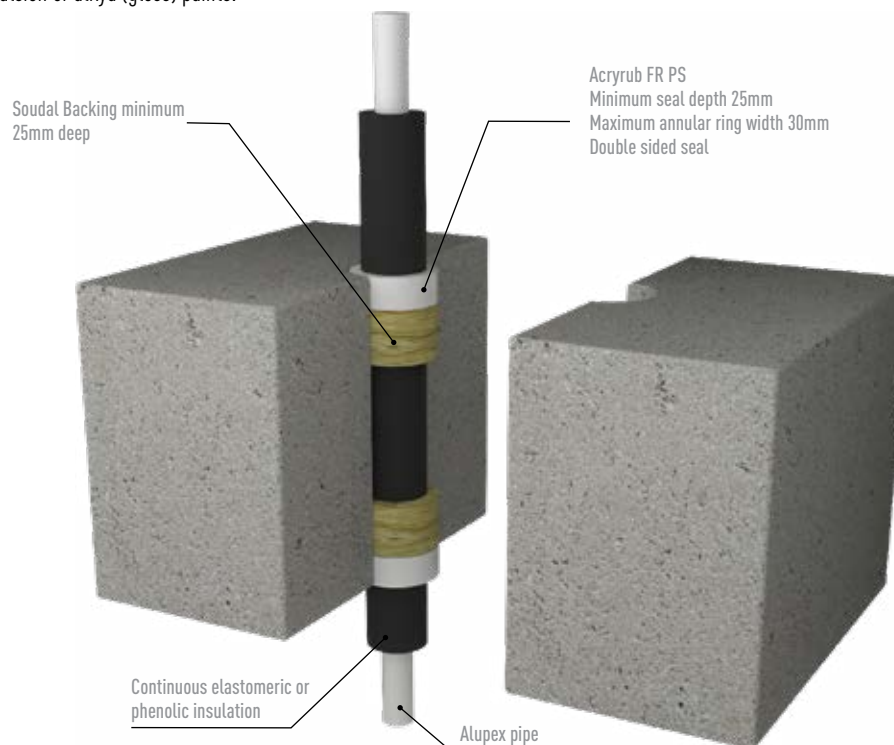


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Alupex pipe ≤ Ø16mm with 9mm thick pipe insulation
EI 180 C/C & E 180 C/C
- Alupex pipe ≤ Ø75mm with 9-13mm thick pipe insulation
EI 60 C/C & E 120 C/C
- Alupex pipe ≤ Ø75mm with 14-25mm thick pipe insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

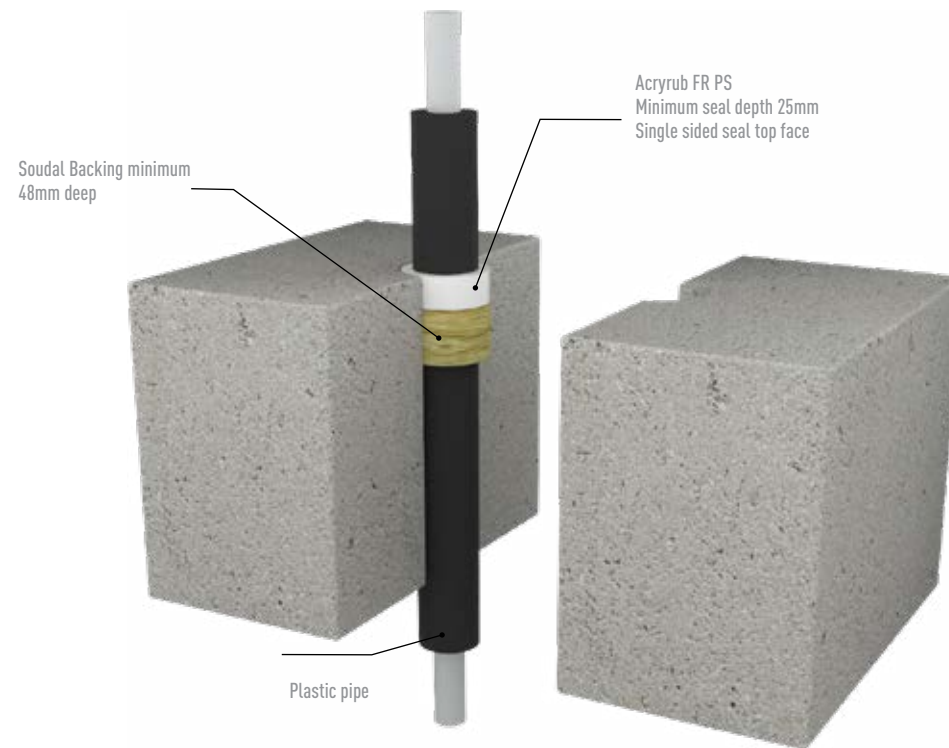


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of PEX plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipe ≤ Ø25mm and maximum annular ring width 30mm
EI 90 C/C & E 90 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

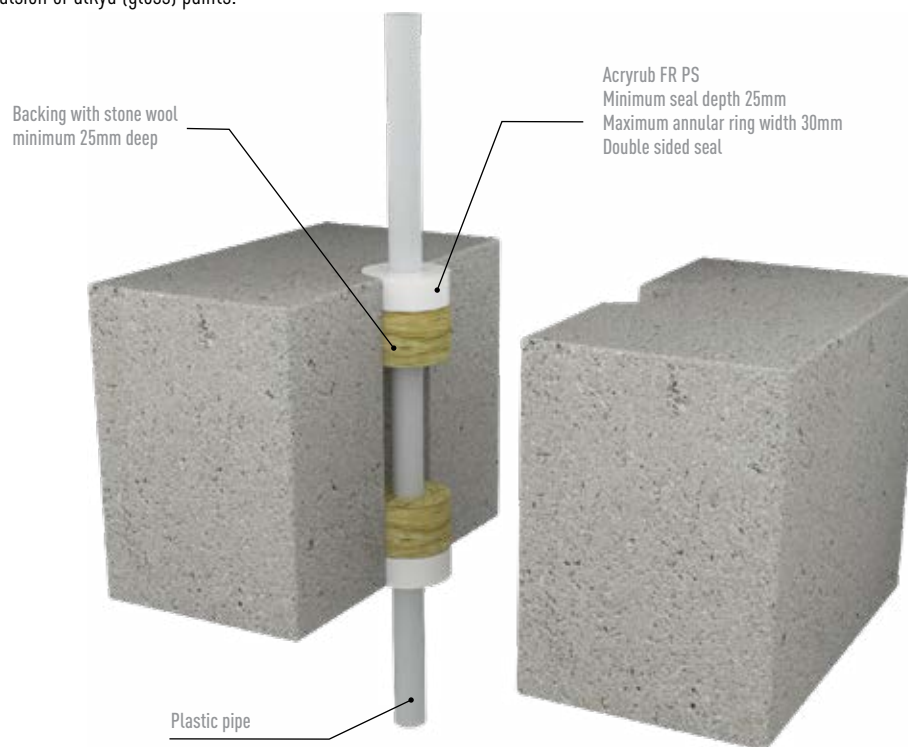


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe ≤ Ø50mm with wall thickness 1.6-3.7mm
EI 240 U/C & E 240 U/C
- PE, ABS or SAN+PVC pipe ≤ Ø40mm with wall thickness 2.0-2.4mm
EI 240 U/C & E 240 U/C
- PP pipe ≤ Ø 12mm with wall thickness 1.2mm
EI 240 U/C & E 240 U/C
- PP pipe ≤ Ø75mm with wall thickness 1.2-6.8mm
EI 90 U/C & E 90 U/C
- Sound reduction (seal only)
Rw 62dB

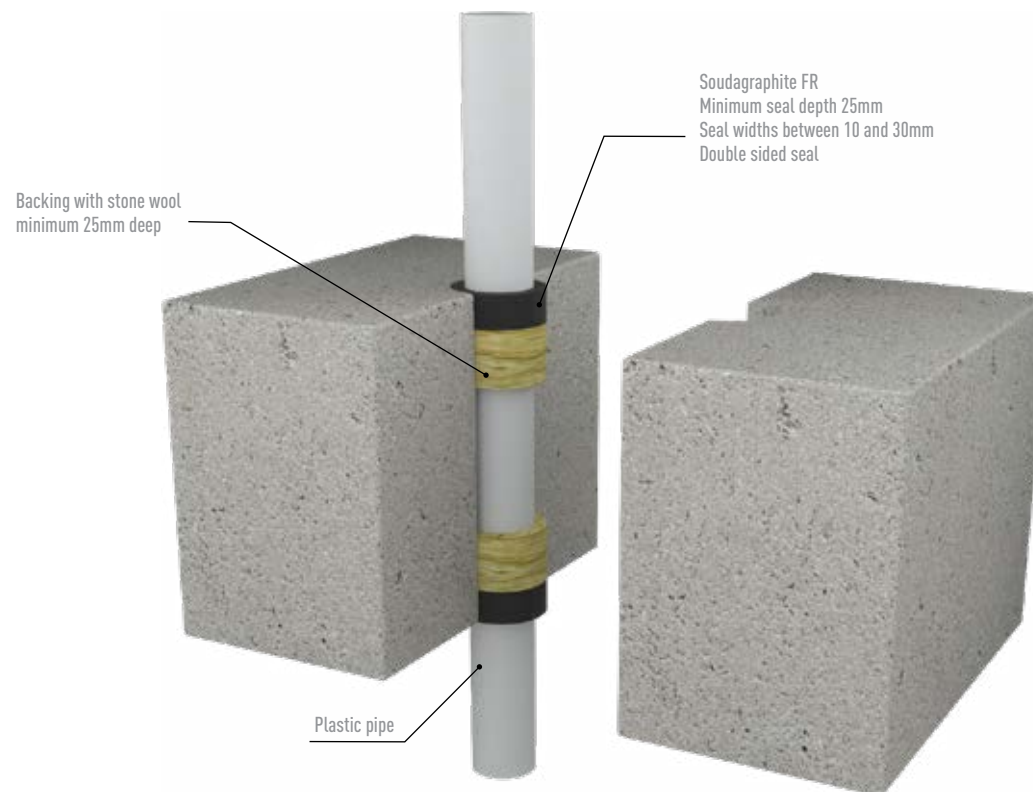
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INSTALLATION INSTRUCTIONS

Soudagraphe FR & Stone wool

1. Before installing Soudagraphe FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphe FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphe FR can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Soudagraphe FR
Stone wool

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe ≤ 40 mm diameter with wall thickness 1.8-3.7mm EI 240 U/U
- PVC-U or PVC-C pipe ≤ 110 mm diameter with wall thickness 1.8-6.6mm EI 90 C/U
- PE, ABS or SAN+PVC pipe ≤ 40 mm diameter with wall thickness 2.4-3.7mm EI 60 U/U & EI 240 U/C
- PE, ABS or SAN+PVC pipe ≤ 110 mm diameter with wall thickness 2.4-4.2mm EI 60 U/C
- PE, ABS or SAN+PVC pipe ≤ 110 mm diameter with wall thickness 4.3-10.0mm EI 90 U/C
- PE, ABS or SAN+PVC pipe ≤ 110 mm diameter with wall thickness 10.0mm EI 60 U/U
- PP pipe ≤ 40 mm diameter with wall thickness 1.8mm EI 120 C/C
- PP pipe ≤ 110 mm diameter with wall thickness 1.8-6.3mm EI 30 U/C
- Sound reduction (seal onl) 53dB

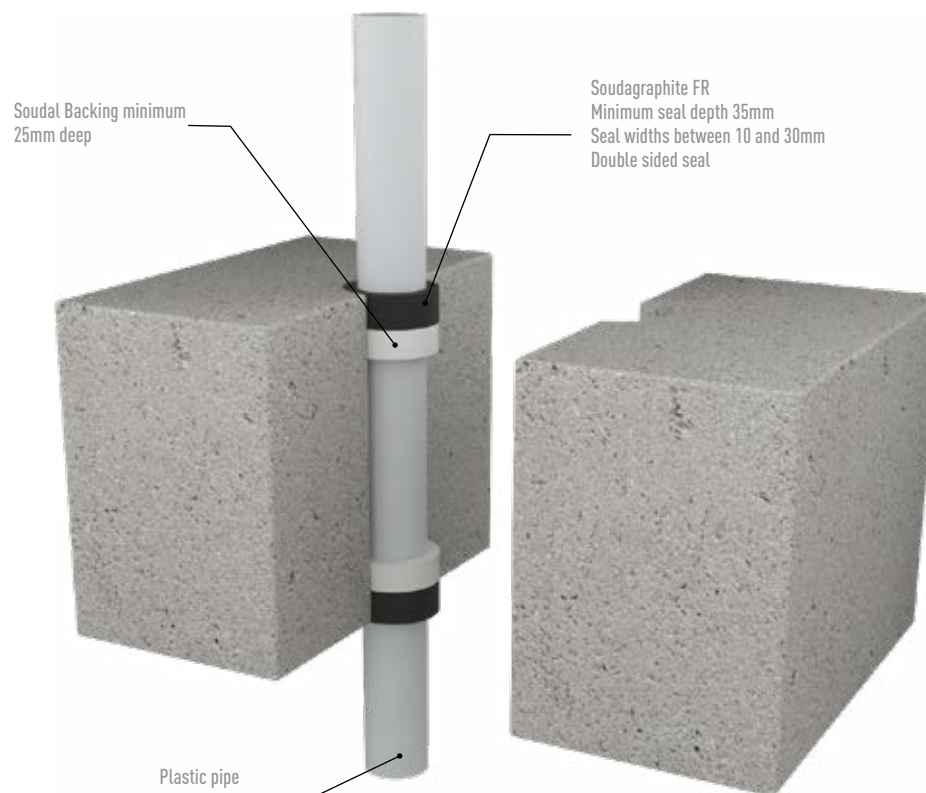
CERTIFICATION:

ETA 19/0410

INSTALLATION INSTRUCTIONS

Soudagraphite FR & Stone wool

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Soudagraphite FR
Stone wool

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe ≤ 160 mm diameter with wall thickness 4.0-9.5mm EI 60 U/C
- PE, ABS or SAN+PVC pipe ≤ 160 mm diameter with wall thickness 4.9-14.6mm EI 30 U/C
- PE, ABS or SAN+PVC pipe ≤ 160 mm diameter with wall thickness 14.6mm EI 60 U/C
- Sound reduction (seal only) 53dB

CERTIFICATION:

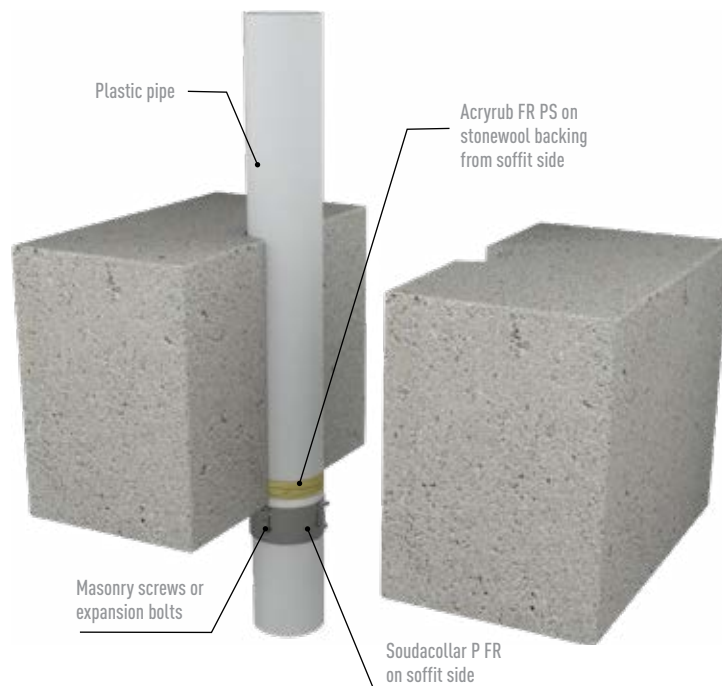
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Stone wool & Acryrub FR PS

1. Before fitting the collar ensure that the gaps between the pipe and the separating element are sealed with minimum 10mm deep Acryrub FR PS on 40mm deep stone wool backing.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the floor, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the floor and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with minimum 10mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 90$ mm PVC-U & PVC-C	50mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 110$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 120 C/C, EI 90 U/C (E 120), EI 60 C/U
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 200$ mm PVC-U & PVC-C	60mm	EI 60 C/C (E 120)
$\leq \varnothing 315$ mm PVC-U & PVC-C	75mm	EI 60 C/C
$\leq \varnothing 400$ mm PVC-U & PVC-C	100mm	EI 60 C/C
$\leq \varnothing 55$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 240 C/C, EI 240 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 200$ mm PE, ABS & SAN+PVC	60mm	EI 120 C/C (E 240)
$\leq \varnothing 250$ mm PE, ABS & SAN+PVC	75mm	EI 240 C/C
$\varnothing 315 \times 18.7$ mm PE, ABS & SAN+PVC	75mm	EI 240 C/C
$\varnothing 400 \times 36.3$ mm PE, ABS & SAN+PVC	100mm	EI 90 C/C
$\leq \varnothing 50$ mm PP	30mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm PP	50mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 140$ mm PP	60mm	EI 120 C/C, EI 120 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 160$ mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 60 C/U, EI 60 U/U
$\leq \varnothing 200$ mm PP	60mm	EI 120 C/C
$\leq \varnothing 250$ mm PP	75mm	EI 60 C/C
$\varnothing 315 \times 28.6$ mm PP	75mm	EI 60 C/C
$\leq \varnothing 400$ mm PP	100mm	EI 30 C/C



PRODUCTS

Soudacollar P FR

Stone wool

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in tables on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



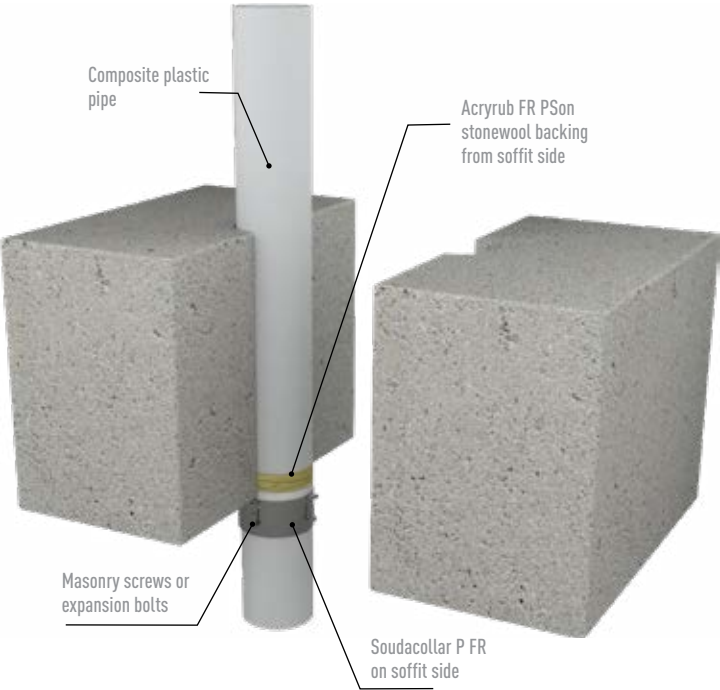
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INSTALLATION INSTRUCTIONS

Soudagraphite FR & Stone wool & Acryrub FR PS

1. Before fitting the collar ensure that the gaps between the pipe and the separating element are sealed with minimum 10mm deep Acryrub FR PS on 40mm deep stone wool backing.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the floor, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the floor and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with minimum 10mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 32$ mm Aquatherm Green SDR9	30mm	EI 240 C/C
$\leq \varnothing 50$ mm Aquatherm Green SDR9	50mm	EI 240 C/C
$\leq \varnothing 110$ mm Aquatherm Green SDR9	50mm	EI 120 C/C
$\leq \varnothing 50$ mm BluePower	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
$\leq \varnothing 110$ mm BluePower	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\varnothing 125$ mm BluePower	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\varnothing 160$ mm BluePower	60mm	EI 240 C/C, EI 240 U/C, EI 240 C/U
$\leq \varnothing 50$ mm Geberit Silent-PP	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Geberit Silent-PP	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\leq \varnothing 50$ mm Polo-Kal NG pipes	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Polo-Kal NG pipes	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U
$\varnothing 125$ mm Polo-Kal NG pipes	60mm	EI 240 C/C, EI 240 U/C
$\varnothing 160$ mm Polo-Kal NG pipes	60mm	EI 240 C/C, EI 240 U/C (E 240 C/U)
$\leq \varnothing 50$ mm Rehau Raupiano Plus	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Rehau Raupiano Plus	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U
$\varnothing 125$ mm Rehau Raupiano Plus	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U
$\varnothing 160$ mm Rehau Raupiano Plus	60mm	EI 240 C/C, EI 240 U/C (E 240 C/U)
$\leq \varnothing 50$ mm Wavin SiTech	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm Wavin SiTech	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U



PRODUCTS

Soudacollar P FR
Stonewool
Acryrub FR PS

APPLICATION

Fire stopping of composite plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in tables on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414

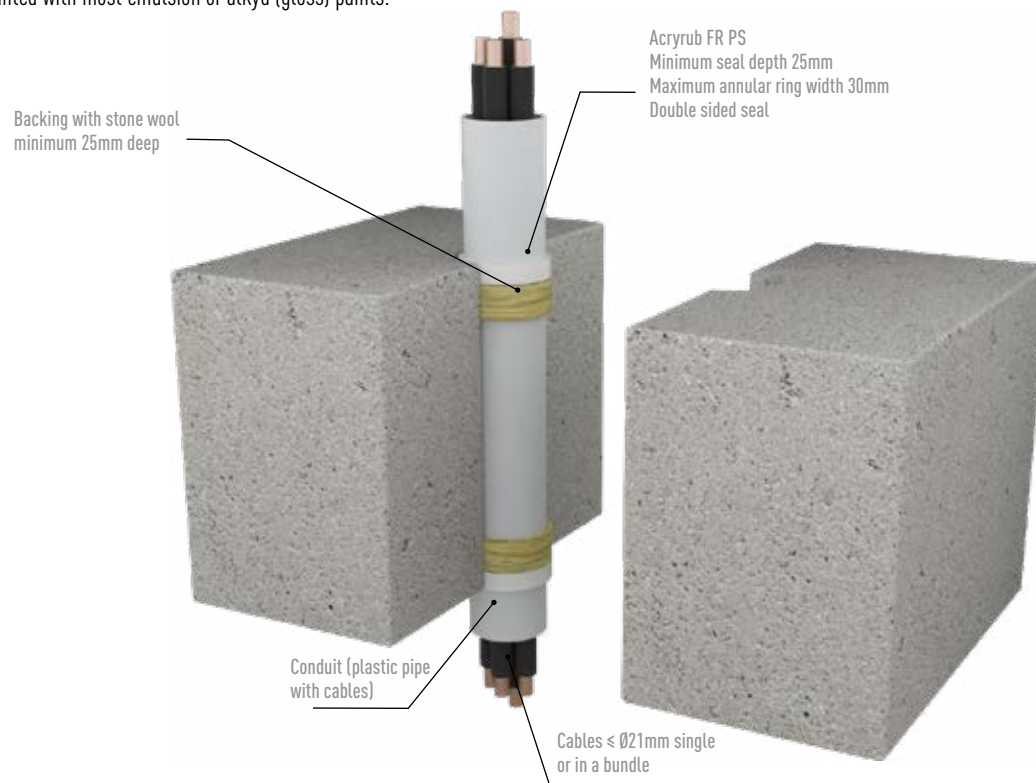


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool & Soudatransit P

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool
Soudatransit P

APPLICATION

Fire stopping of conduits in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PVC-U & PVC-C conduit/pipe ≤ Ø40mm
with wall thickness 1.6 – 3.7mm
EI 240 U/C & E 240 U/C
- PE, ABS & SAN+PVC conduit/pipe ≤
Ø40mm with wall thickness 2.0 – 2.4mm
EI 180 U/C & E 180 U/C
- PP conduit/pipe ≤ Ø40mm with wall
thickness 1.2 – 1.8mm
EI 180 U/C & E 180 U/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414 & ETA 19/0407

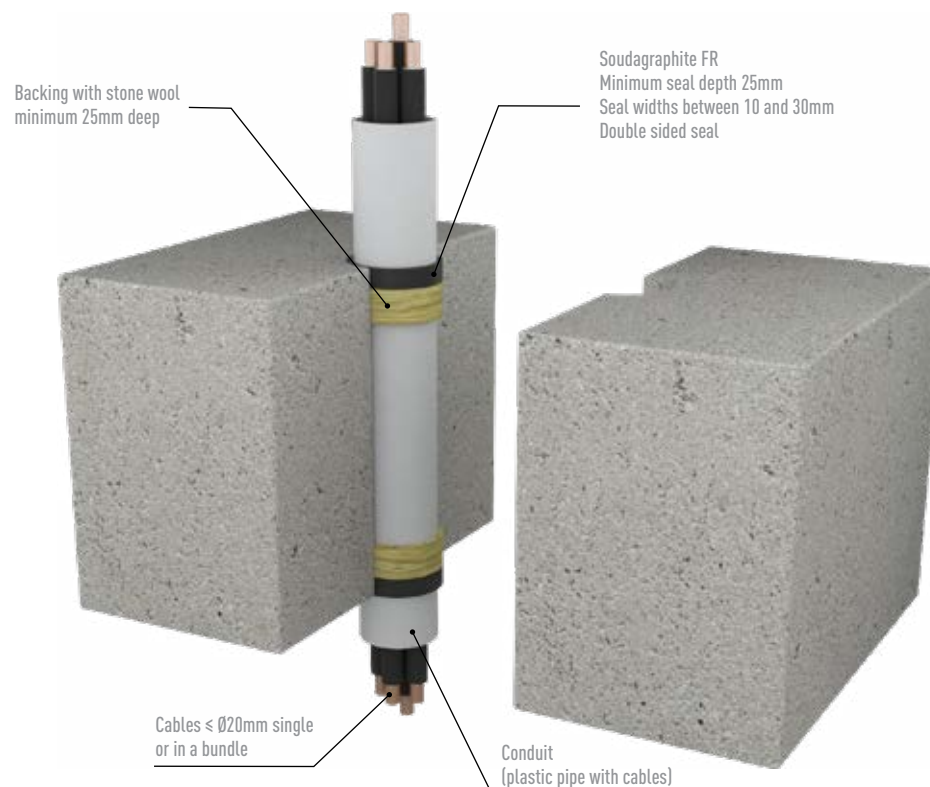


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INSTALLATION INSTRUCTIONS

Soudagraphite FR & Stone wool & Soudatransit P

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR
Stone wool
Soudatransit P

APPLICATION

Fire stopping of conduits in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and
comprise aerated concrete or concrete with
a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PE, ABS or SAN+PVC conduit/pipe ≤ Ø110mm with wall thickness 2.4 - 10.0mm
EI 60 U/C
- PP conduit/pipe ≤ Ø110mm with wall thickness 2.7mm
EI 90 U/C
- PVC-U or PVC-C conduit/pipe ≤ Ø110mm with wall thickness 1.8-6.6mm
EI 90 U/C
- Sound reduction (seal only)
Rw 53dB

CERTIFICATION:

ETA 19/0410 & ETA 19/0407

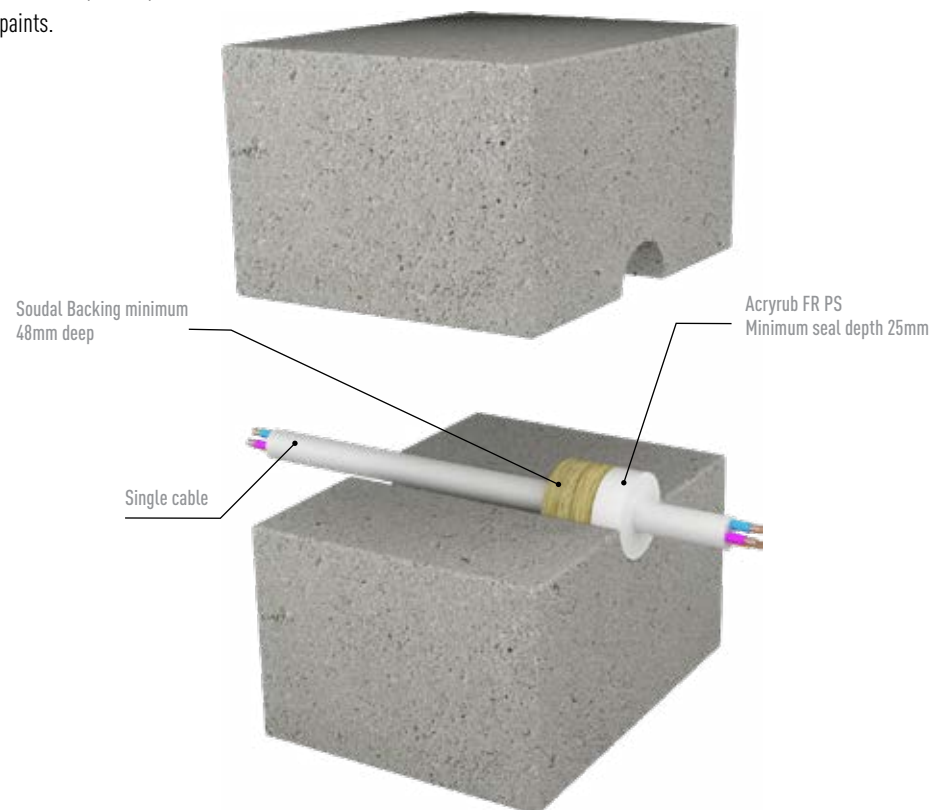


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of cables in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cable $\leq \varnothing 21\text{mm}$ single sided seal in maximum aperture 300x300mm
EI 60 & E 240
- Cable $\leq \varnothing 21\text{mm}$ single sided seal in maximum aperture $\varnothing 87\text{mm}$
EI 90 & E 240
- Cable $\leq \varnothing 21\text{mm}$ single sided seal in maximum aperture 35x35mm or $\varnothing 36\text{mm}$
EI 120 & E 240
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

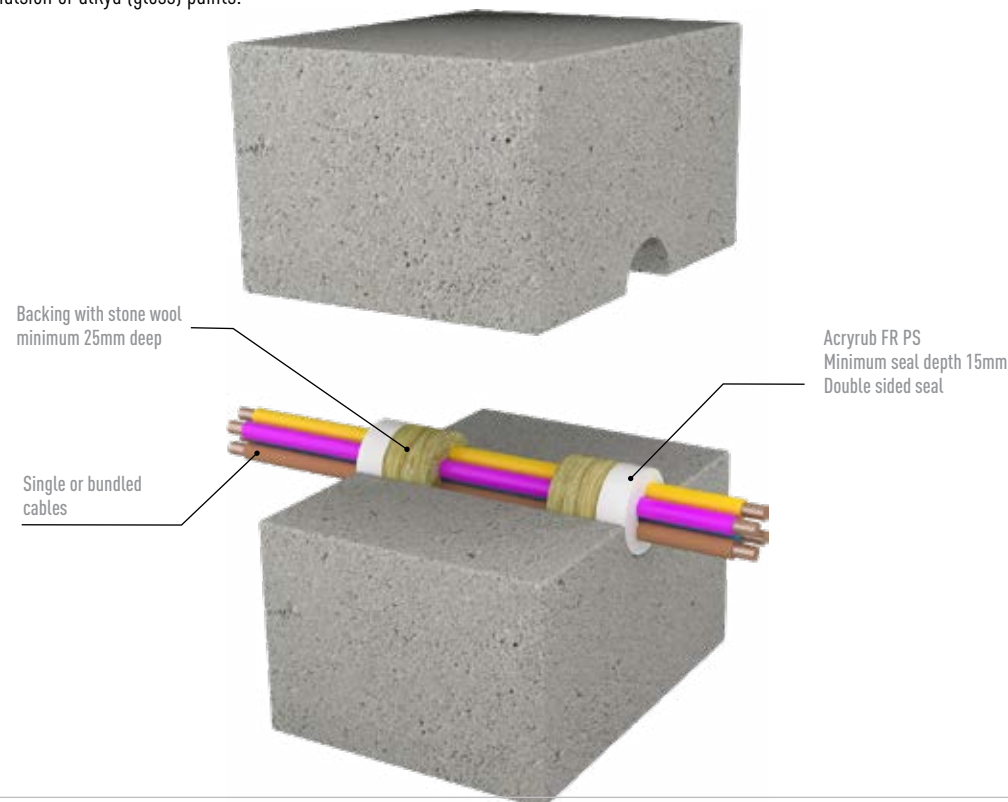


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkylid (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of cables in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$ single or in a bundle $\leq \varnothing 100\text{mm}$ in maximum aperture 300x300mm
EI 120 & E 240
- Cables $\leq \varnothing 80\text{mm}$ single or in a bundle $\leq \varnothing 100\text{mm}$ in maximum aperture 300x300mm
EI 60 & E 120
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

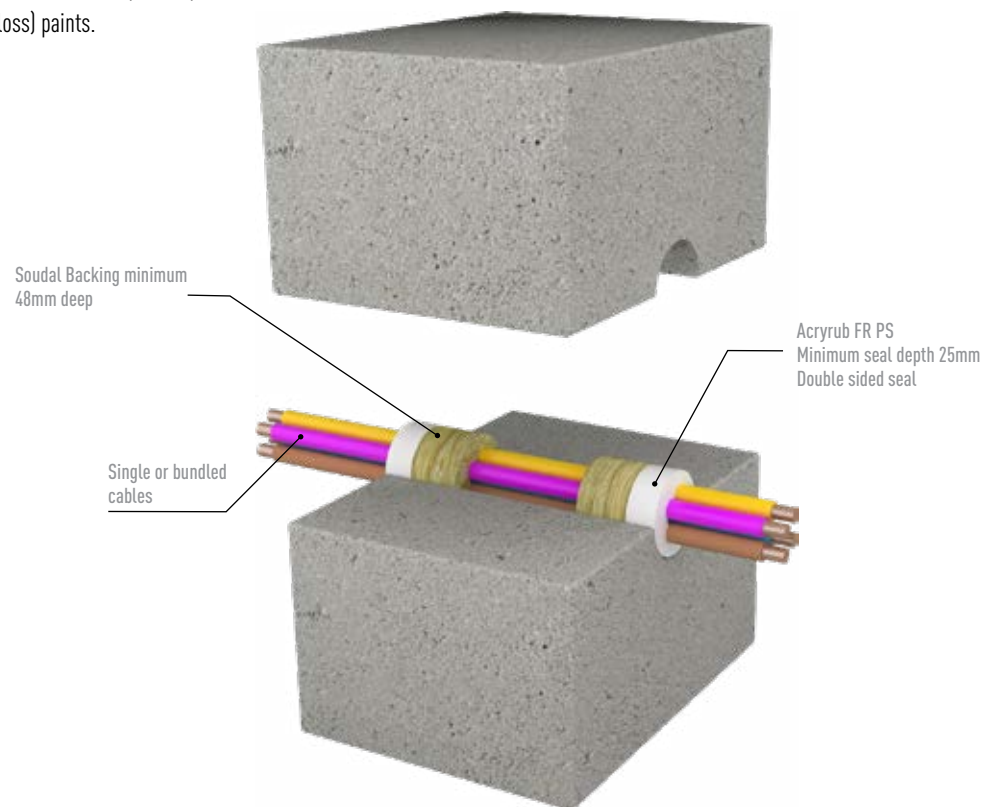


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of cables in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$ single or in a bundle $\leq \varnothing 100\text{mm}$ in maximum aperture
300x300mm
EI 240 & E 240
- Cables $\leq \varnothing 80\text{mm}$ single or in a bundle $\leq \varnothing 100\text{mm}$ in maximum aperture
300x300mm
EI 60 & E 240
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

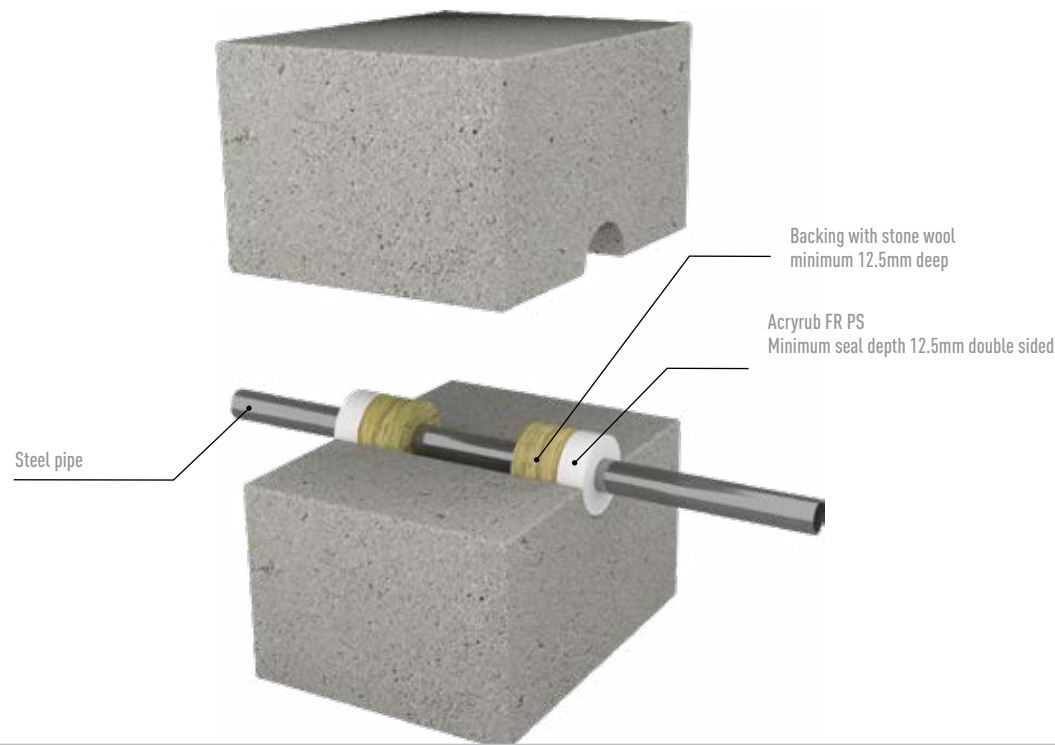


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 30\text{mm}$ without pipe insulation in maximum aperture 300x300mm
EI 90 C/C & E 90 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

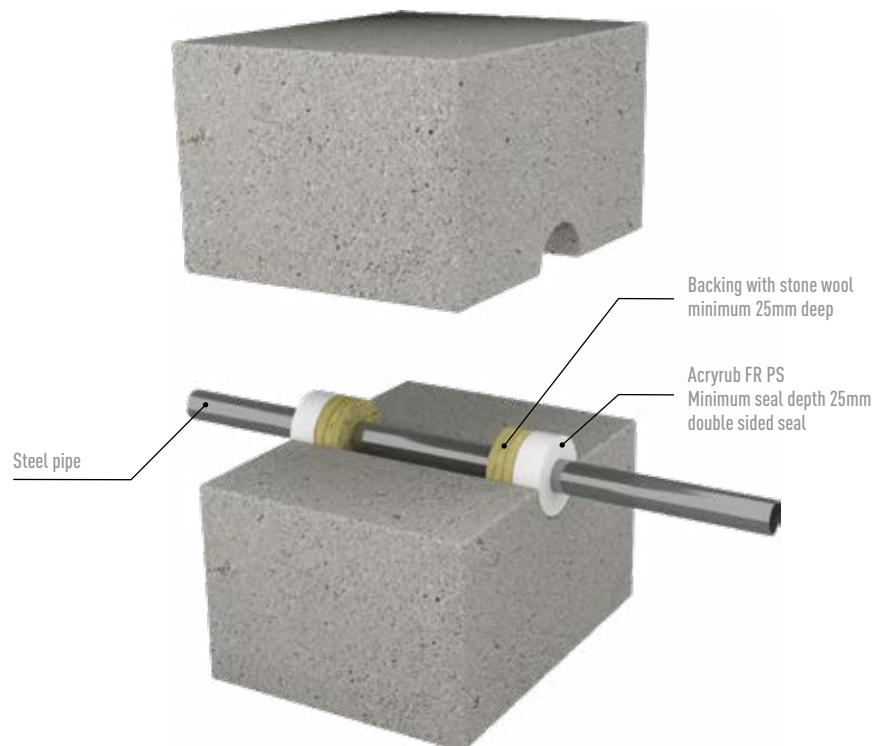


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\varnothing 22 - \varnothing 30 \text{ mm}$ without pipe insulation in maximum aperture $300 \times 300 \text{ mm}$
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

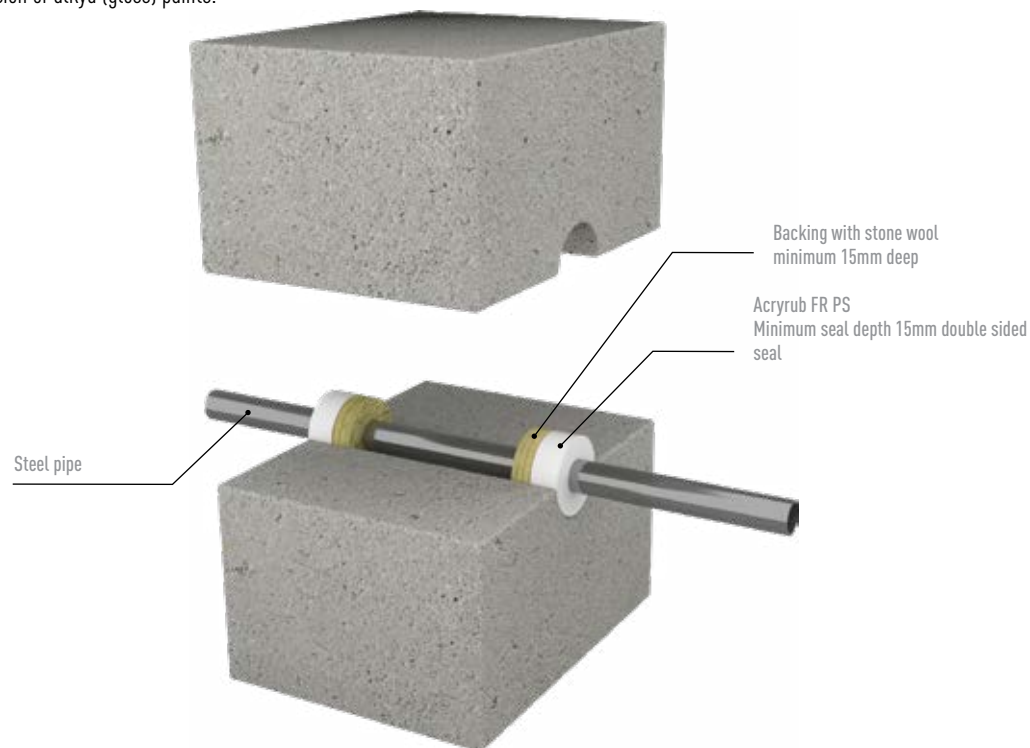


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \text{Ø}324\text{mm}$ without pipe insulation in maximum aperture $300 \times 300\text{mm}$ or $\text{Ø}344\text{mm}$
E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

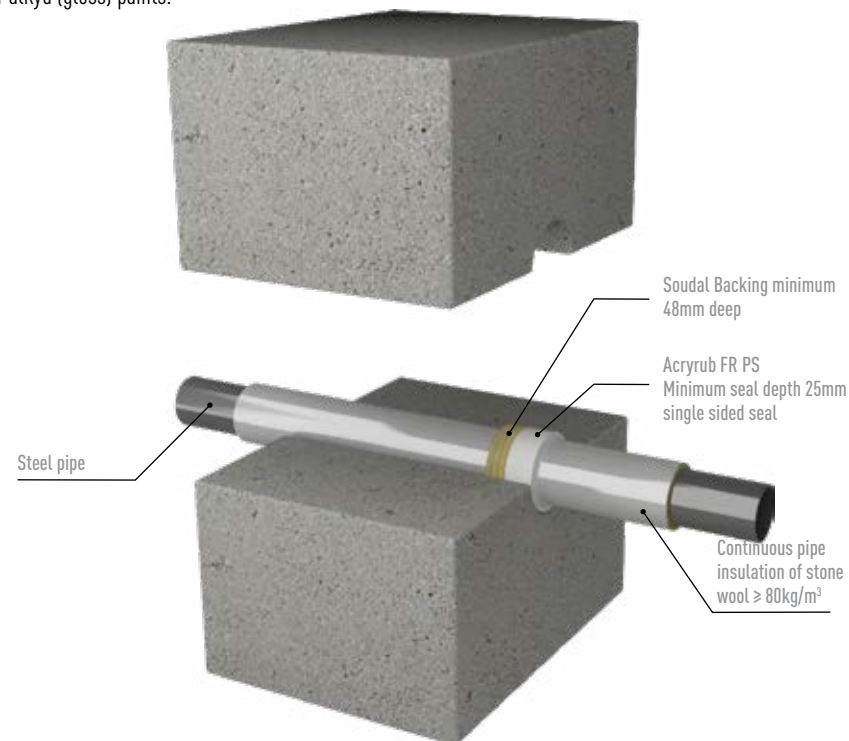


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkylid (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650\text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 40\text{mm}$ with 20mm thick pipe insulation in maximum aperture 300x300mm or $\varnothing 504\text{mm}$
EI 240 C/U & E 240 C/U
- Steel pipe $\leq \varnothing 324\text{mm}$ with 30-80mm thick pipe insulation in maximum aperture 300x300mm or $\varnothing 504\text{mm}$
EI 180 C/U & E 180 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

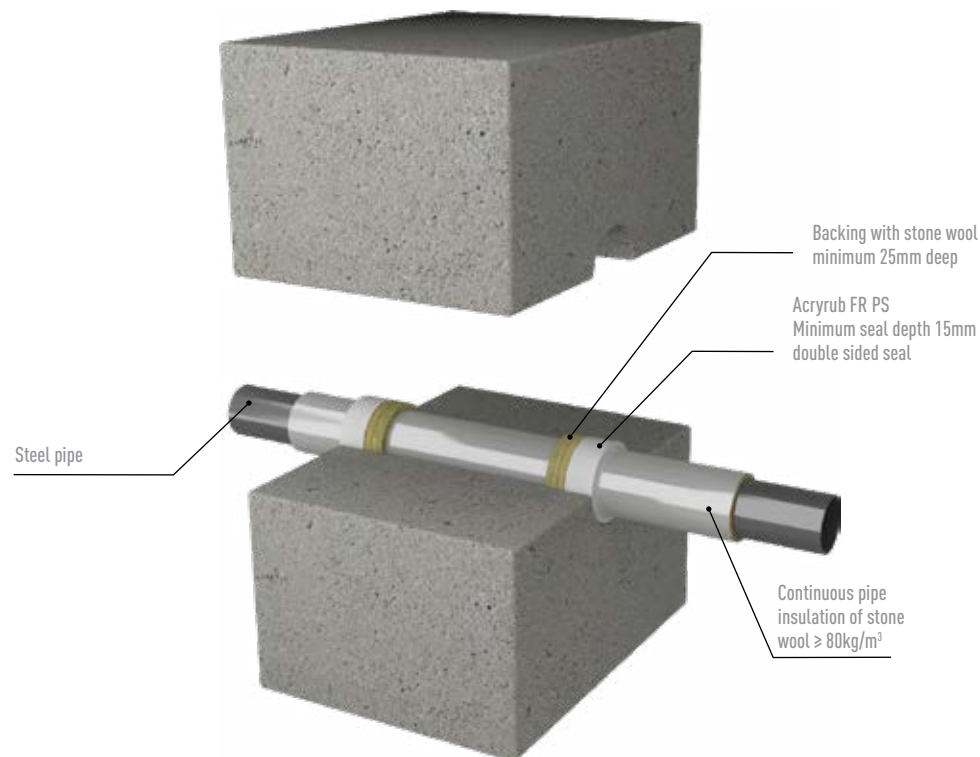


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650\text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \text{Ø}324\text{mm}$ with 30-80mm thick pipe insulation in maximum aperture 300x300mm or $\text{Ø}504\text{mm}$
EI 240 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

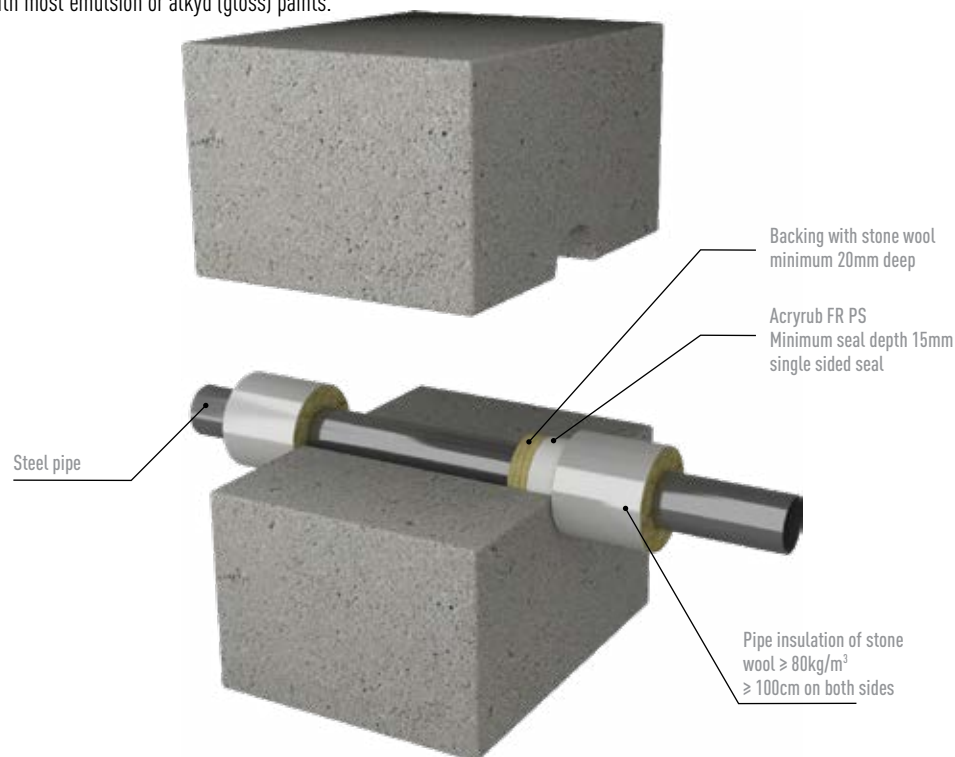


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INSTALLATION INSTRUCTIONS

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3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
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5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650\text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation and maximum annular ring width 18mm
EI 240 C/U & E 240 C/U
- Steel pipe $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ thick pipe insulation and maximum annular ring width 18mm
EI 90 C/U & E 180 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

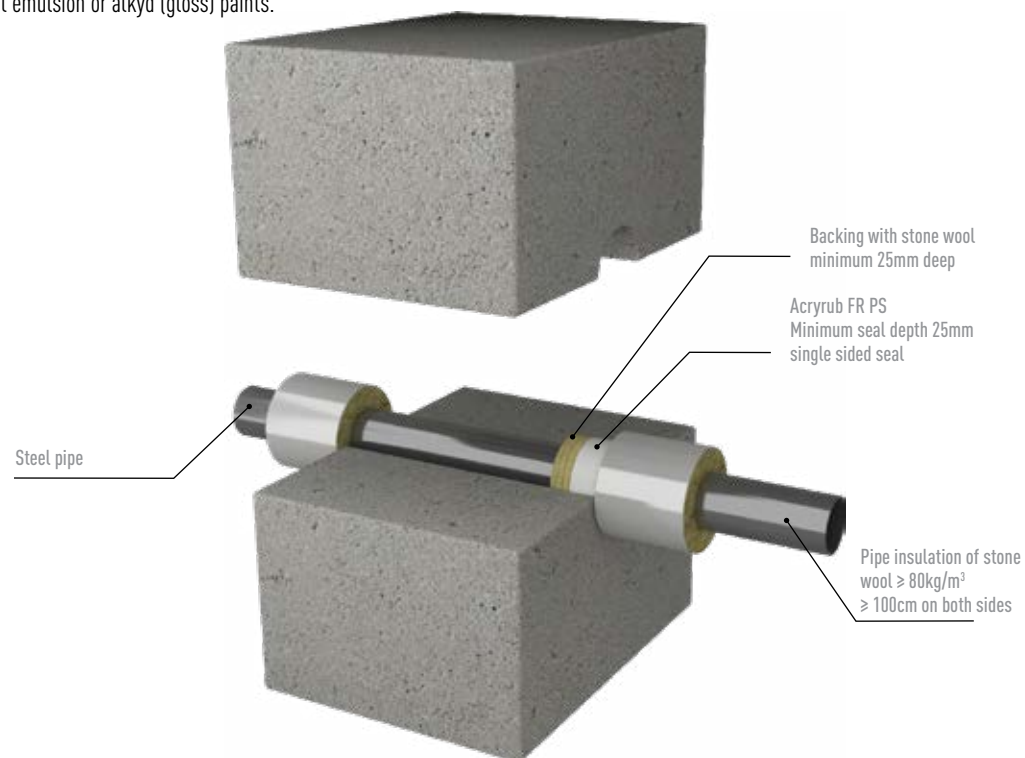


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INSTALLATION INSTRUCTIONS

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PRODUCTS

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Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 40 \text{ mm}$ with $\geq 20 \text{ mm}$ thick pipe insulation in maximum aperture $300 \times 300 \text{ mm}$
EI 60 C/U & E 240 C/U
- Steel pipe $\leq \varnothing 219 \text{ mm}$ with $\geq 30 \text{ mm}$ thick pipe insulation in maximum aperture $300 \times 300 \text{ mm}$
EI 60 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

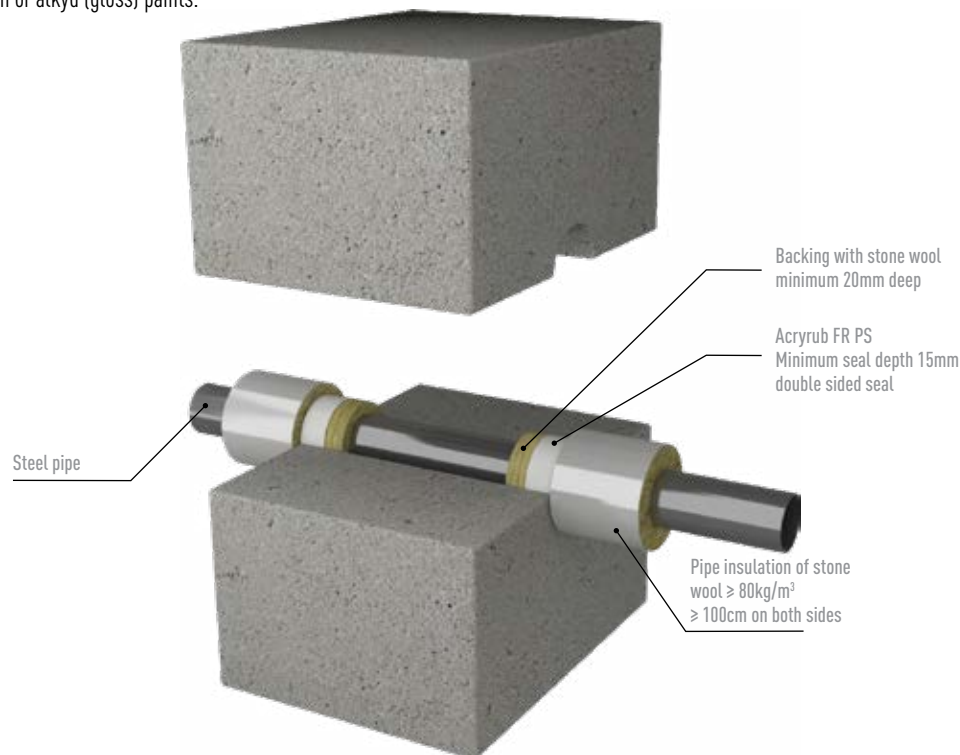
CERTIFICATION:

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PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ thick pipe insulation in maximum aperture $300 \times 300\text{mm}$
EI 120 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

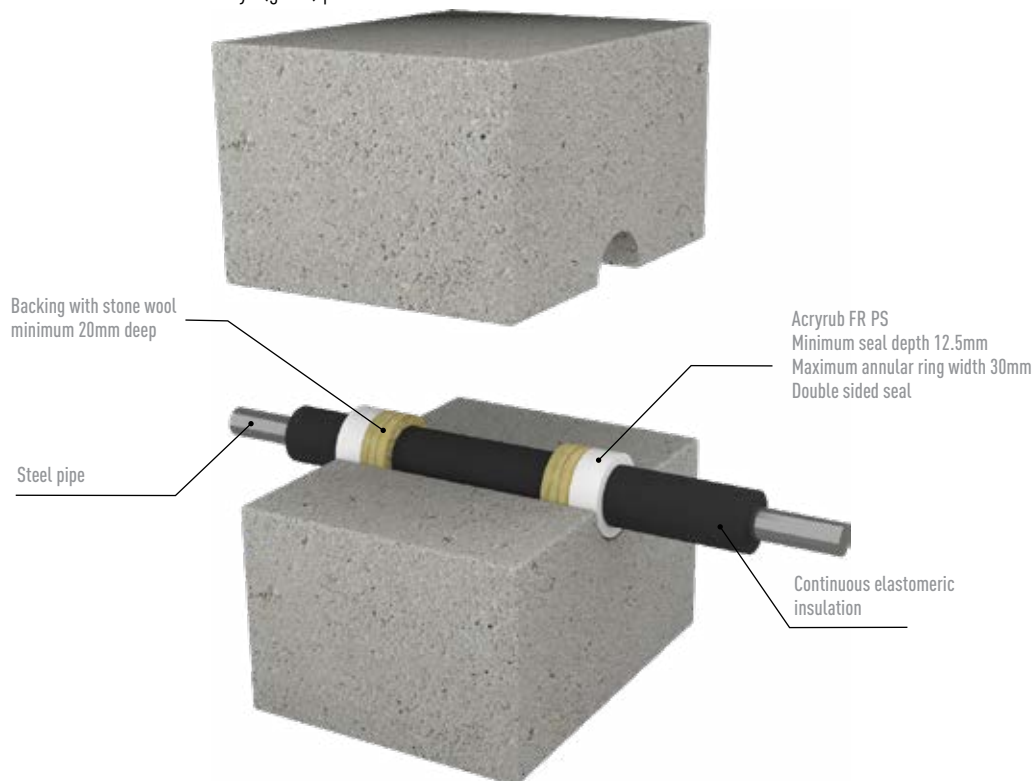


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PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 240 C/U
- Steel pipe $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

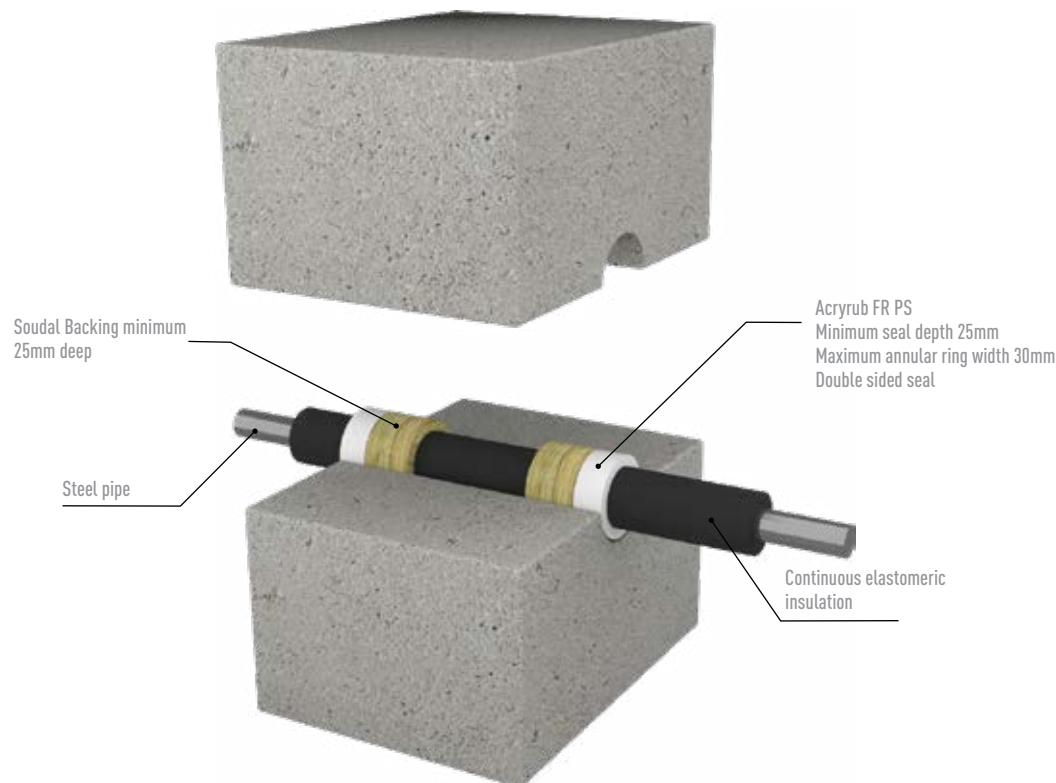
CERTIFICATION:

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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases).
²For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \text{Ø}165\text{mm}$ with 13 – 19mm thick pipe insulation
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

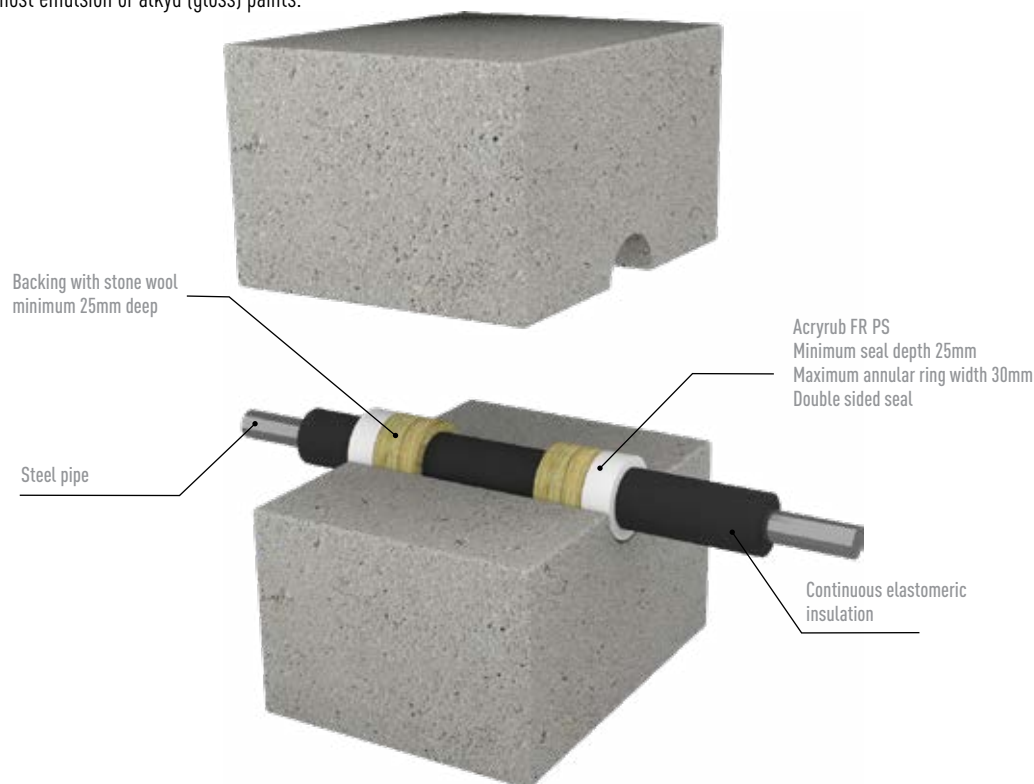


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

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5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 22\text{mm}$ with 13mm thick pipe insulation
EI 180 C/U & E 240 C/U
- Steel pipe $\leq \varnothing 114\text{mm}$ with 13 – 25mm thick pipe insulation
EI 90 C/U & E 120 C/U
- Steel pipe $\leq \varnothing 114\text{mm}$ with 26 – 50mm thick pipe insulation
EI 60 C/U & E 60 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

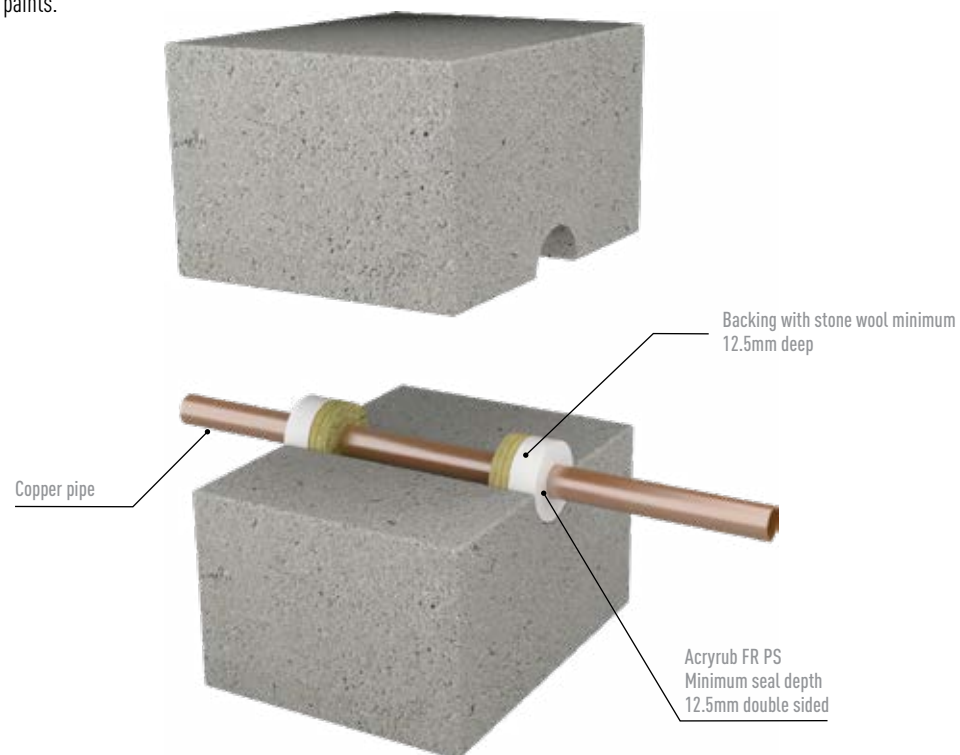


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \text{Ø}12\text{mm}$ without pipe insulation in maximum aperture $300 \times 300\text{mm}$
EI 60 C/C & E 90 C/C
- Copper pipe $\text{Ø}13\text{-Ø}22\text{mm}$ without pipe insulation in maximum aperture $300 \times 300\text{mm}$
EI 30 C/C & E 90 C/C
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414

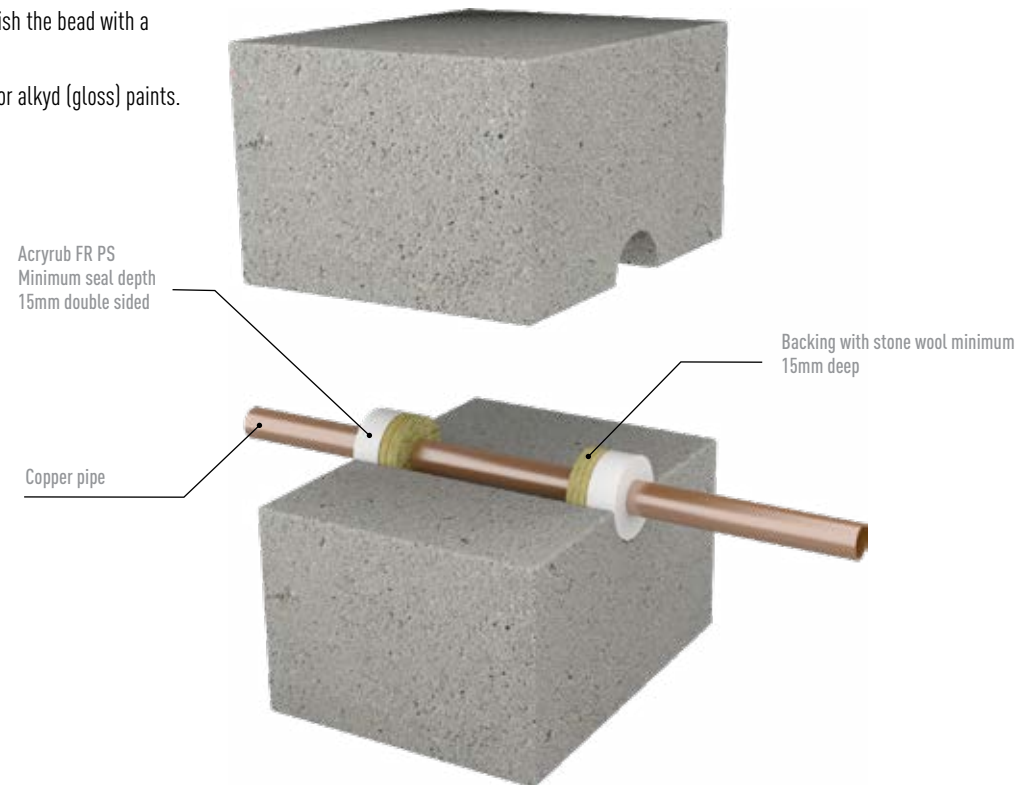


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 120 mm and
comprise concrete, aerated concrete or
masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 54\text{mm}$ without pipe
insulation in maximum aperture
300x300mm
E 120 C/C
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414

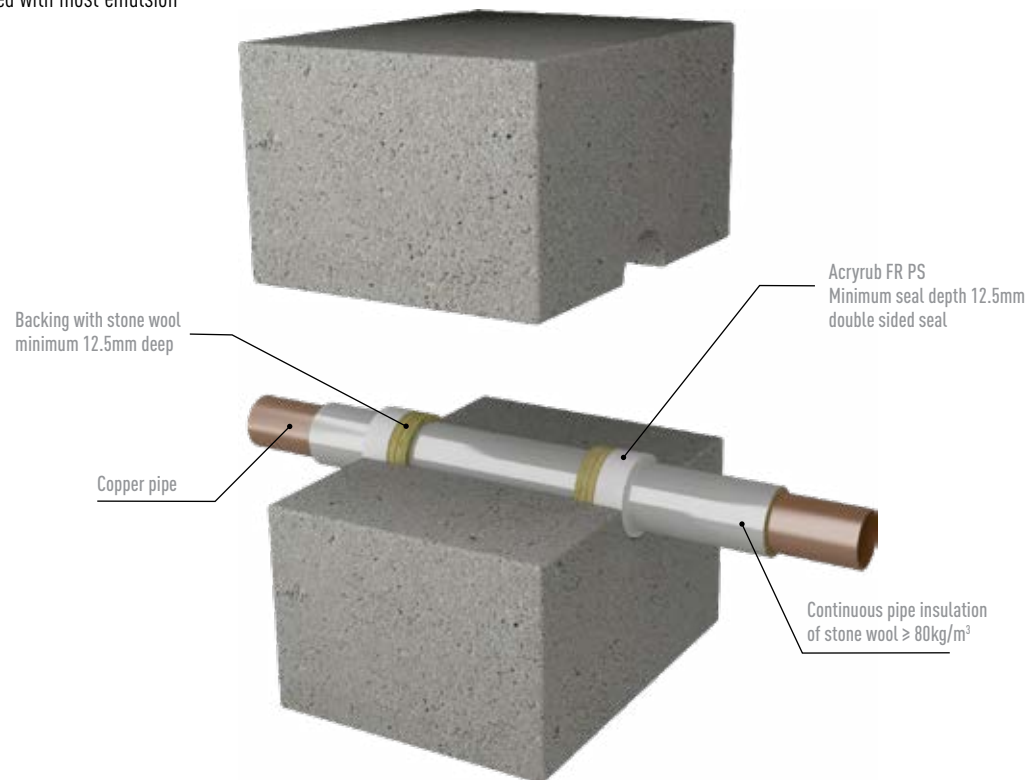


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

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5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 54 \text{ mm}$ with 20-80mm thick pipe insulation in maximum aperture 300x300mm or $\varnothing 504 \text{ mm}$
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

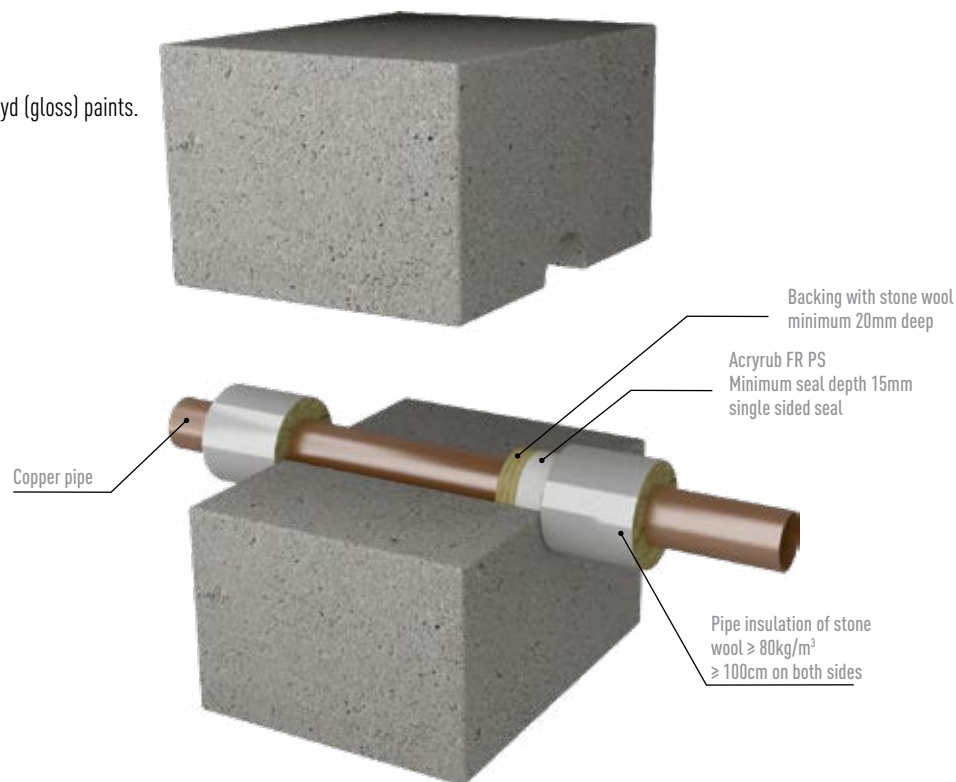


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PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \text{Ø}12\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation and annular ring width 10mm
EI 240 C/U & E 240 C/U
- Copper pipe $\leq \text{Ø}54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation and annular ring width 10mm
EI 180 C/U & E 240 C/U
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414

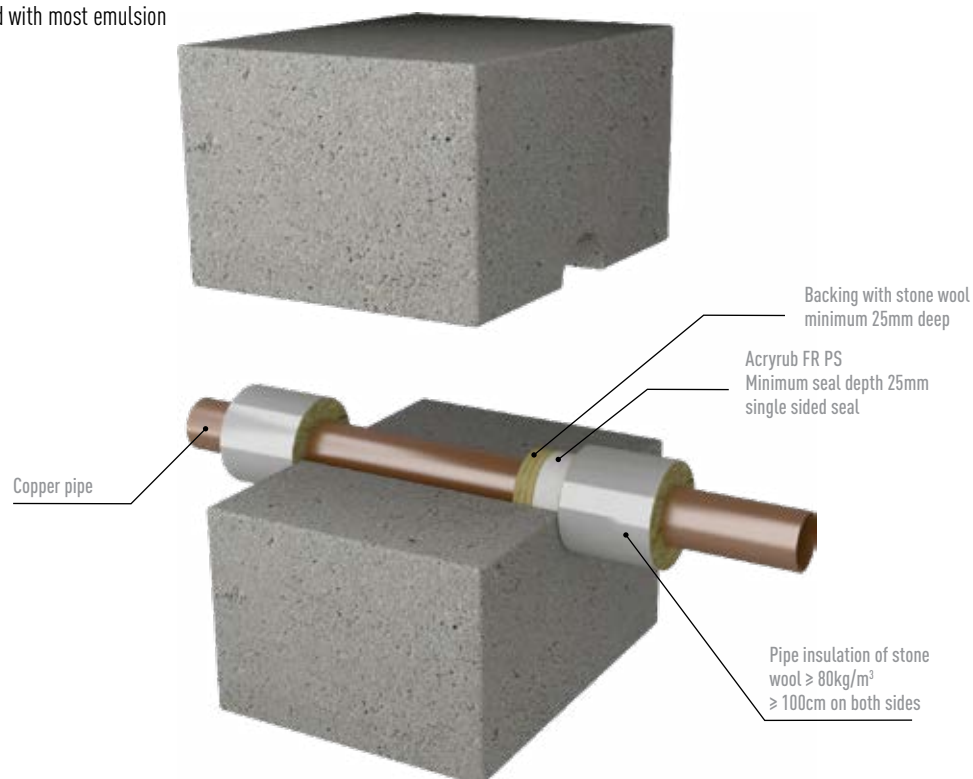


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7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650\text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

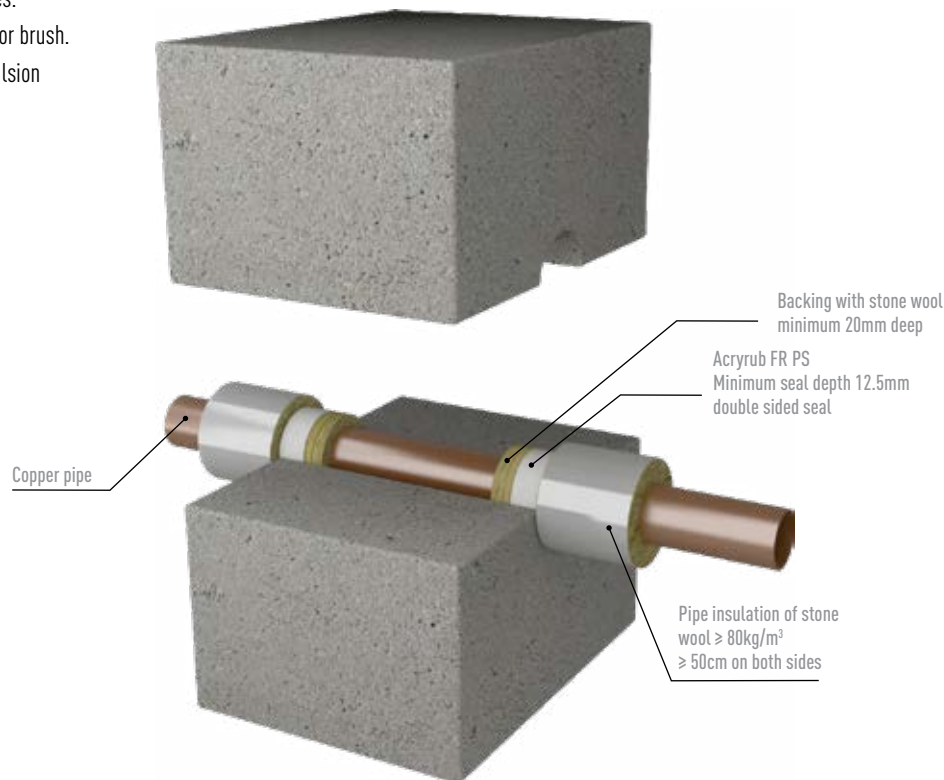


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \text{Ø}54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture $300 \times 300\text{mm}$
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

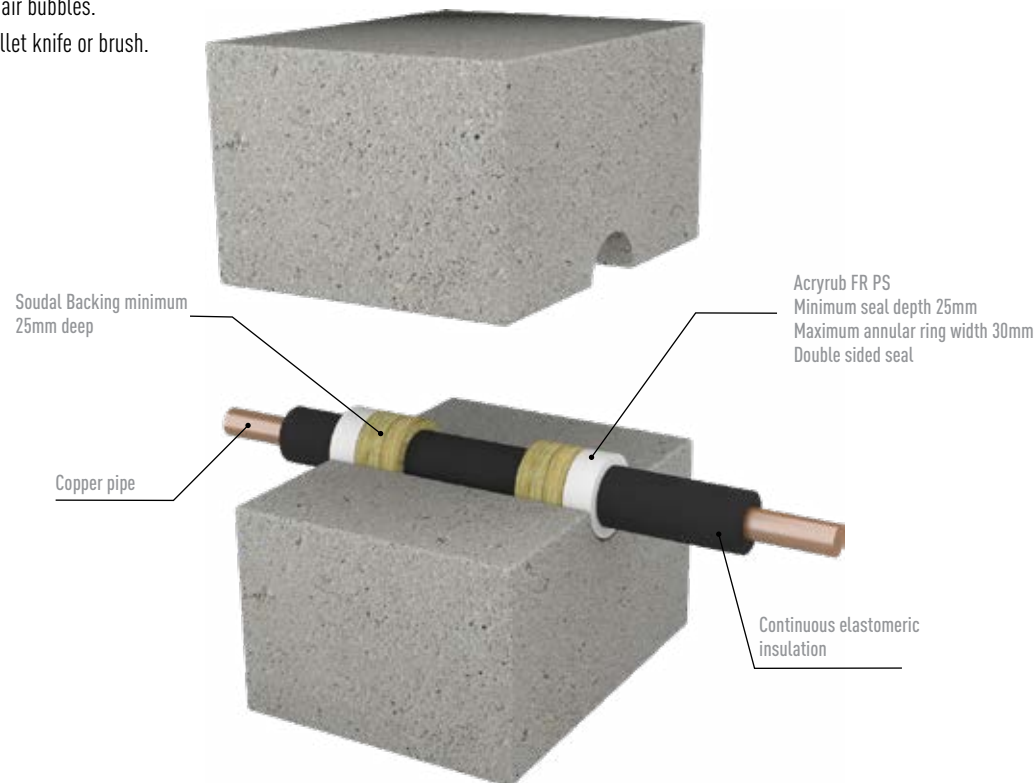


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 12\text{mm}$ with 9mm thick pipe insulation
EI 120 C/C & E 120 C/C
- Copper pipe $\leq \varnothing 54\text{mm}$ with 9-13mm thick pipe insulation
EI 60 C/C & E 120 C/C
- Copper pipe $\leq \varnothing 54\text{mm}$ with 14-25mm thick pipe insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414

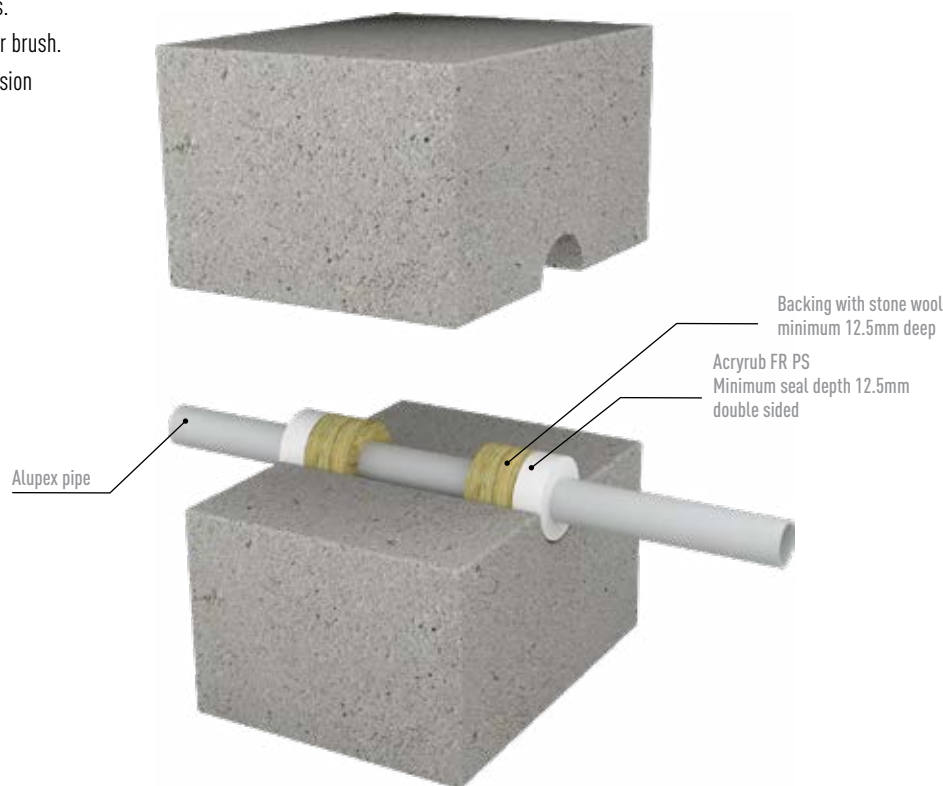


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 20\text{mm}$ without pipe insulation in maximum aperture 300x300mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only) R_w 62dB

CERTIFICATION:

ETA 19/0414

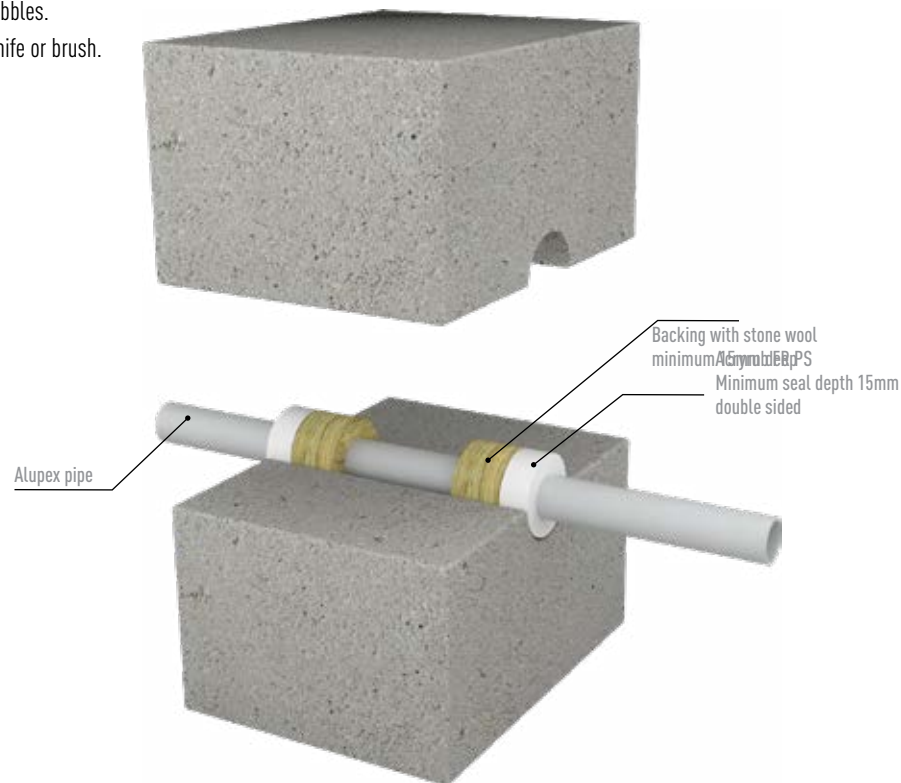


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75 \text{ mm}$ without pipe insulation in maximum aperture 300x300mm
EI 30 C/C & E 120 C/C
- Sound reduction (seal only) $R_w 62 \text{ dB}$

CERTIFICATION:

ETA 19/0414

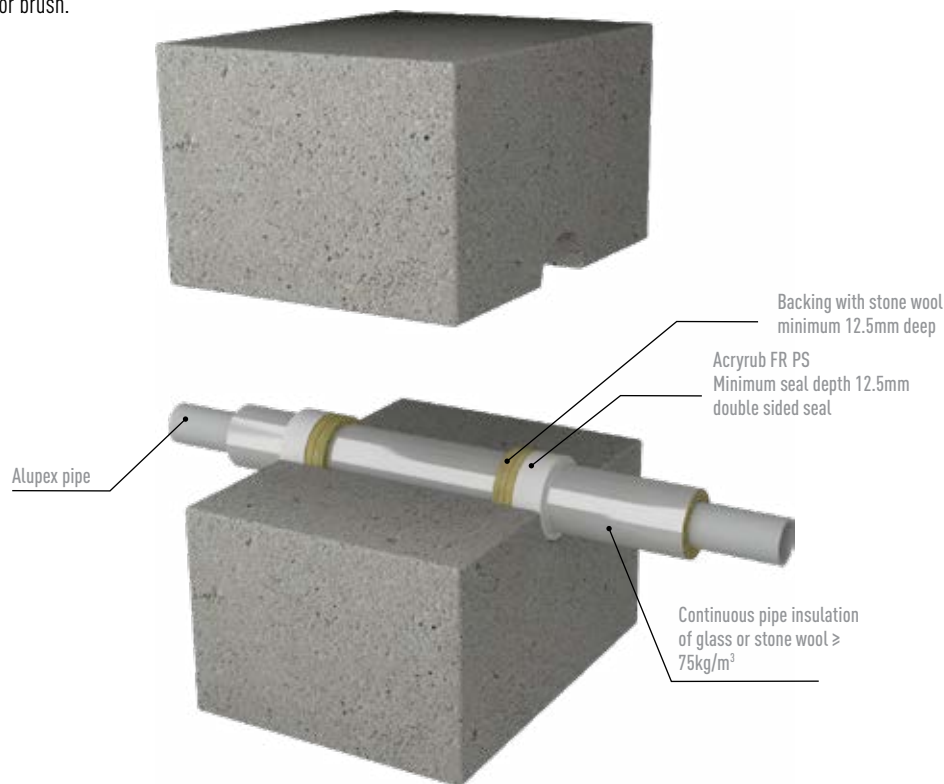


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise concrete, aerated concrete or
masonry, with a density of $\geq$ 650 kg/m³

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq$ Ø75mm with 20-50mm
thick pipe insulation in maximum aperture
300x300mm or Ø504mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

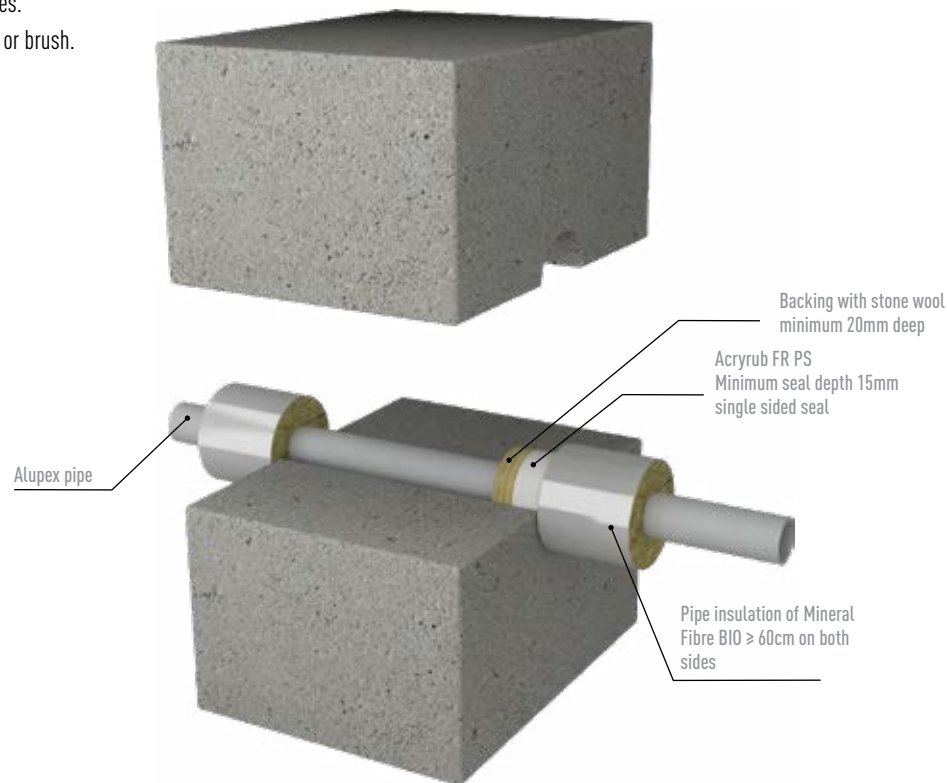


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with $\geq 25\text{mm}$ thick pipe insulation and maximum annular ring width 30mm
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

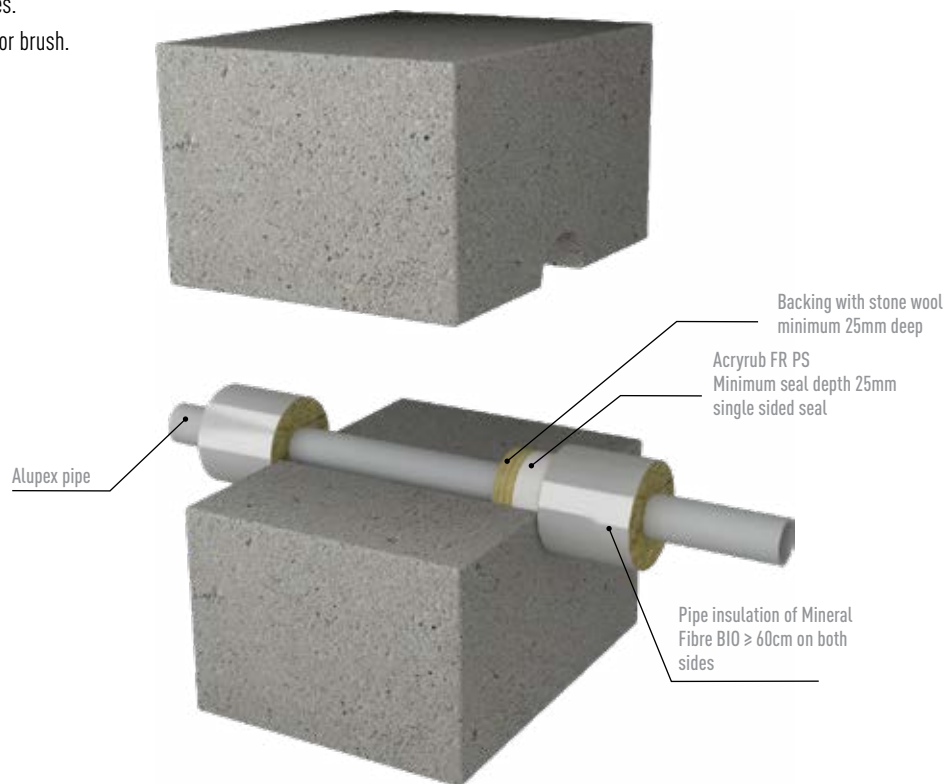


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with $\geq 25\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 60 C/U & E 240 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

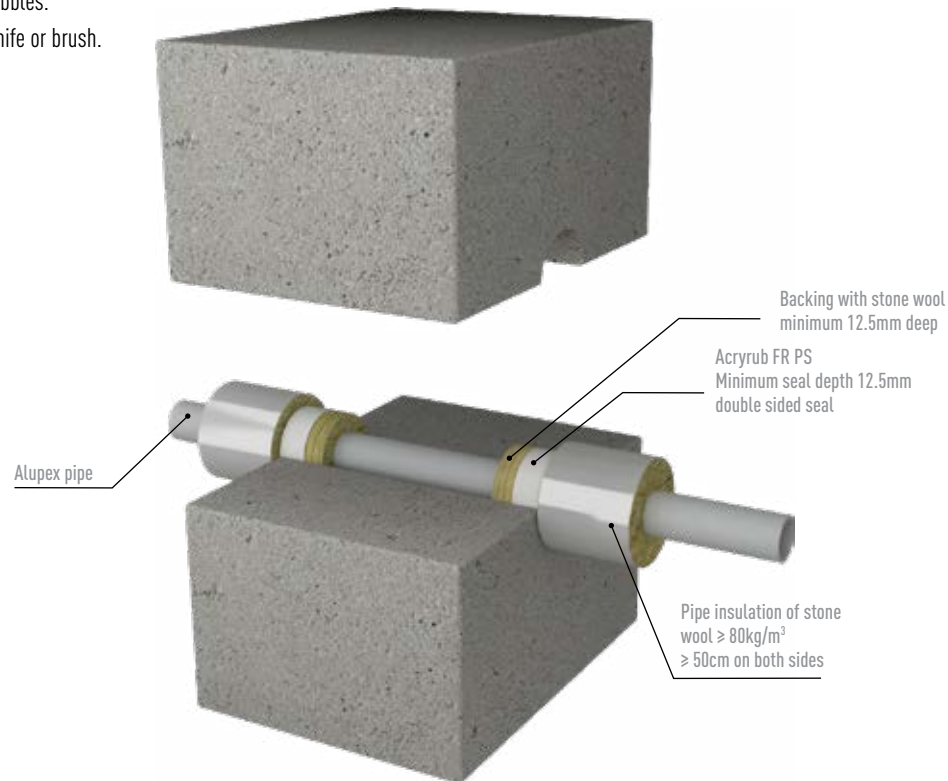


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

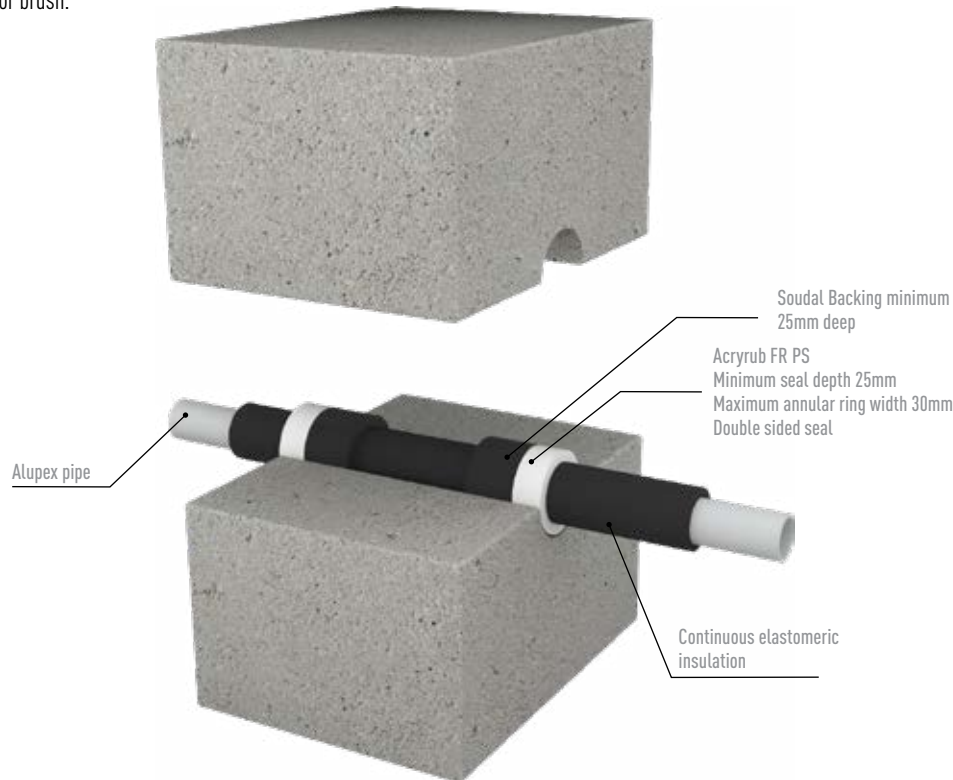


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 16\text{mm}$ with 9mm thick pipe insulation
EI 120 C/C & E 120 C/C
- Alupex pipe $\leq \varnothing 75\text{mm}$ with 9 – 25mm thick pipe insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

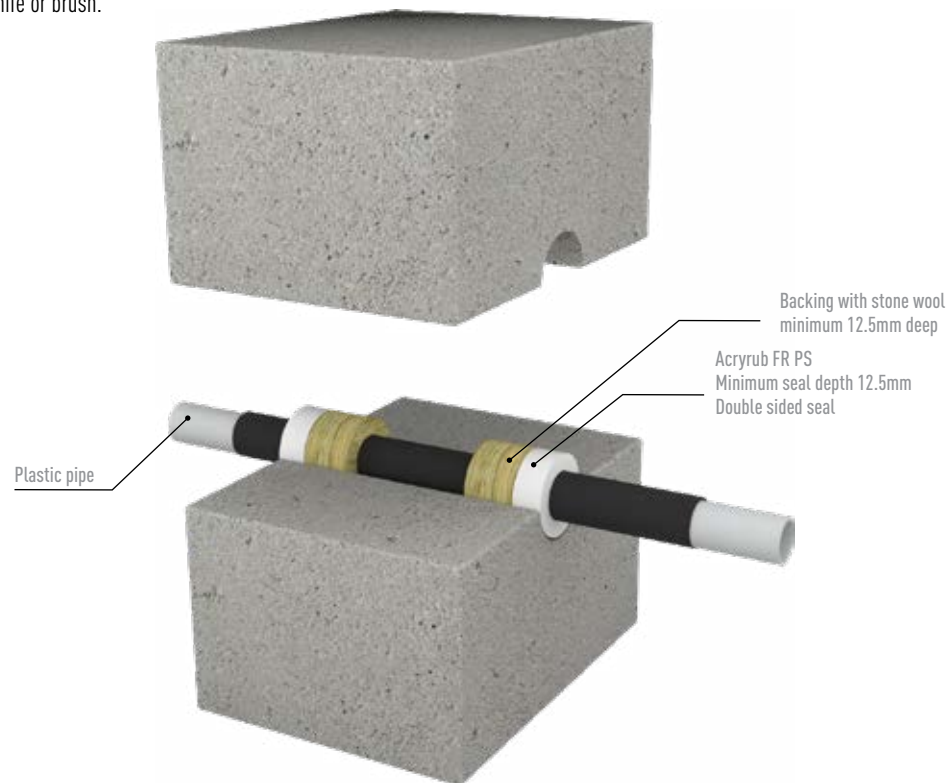


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases).
For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of PEX plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipe $\leq \text{Ø}25\text{mm}$ and maximum annular ring width 30mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

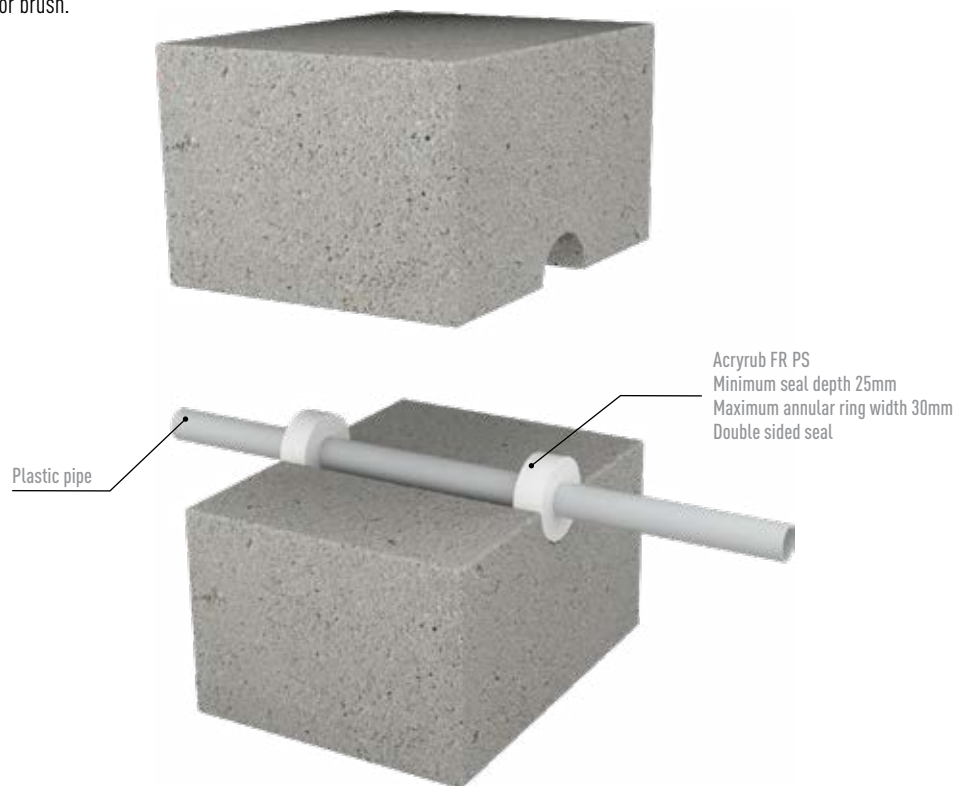


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.0-1.6mm
EI 120 C/C & E 120 C/C
- PVC-U or PVC-C pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.0-2.4mm
EI 90 U/C & E 120 U/C
- PE, ABS or SAN+PVC pipe $\varnothing 20\text{mm}$ with wall thickness 2.0mm
EI 120 U/C & E 120 U/C
- PE, ABS or SAN+PVC pipe $\leq \varnothing 32\text{mm}$ with wall thickness 2.0-3.0mm
EI 90 C/C & E 90 C/C
- PP pipe $\varnothing 20\text{mm}$ with wall thickness 2.2mm
EI 120 U/C & E 120 U/C
- PP pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.8-4.4mm
EI 60 C/C & E 60 C/C
- Sound reduction (seal only) Rw 62dB

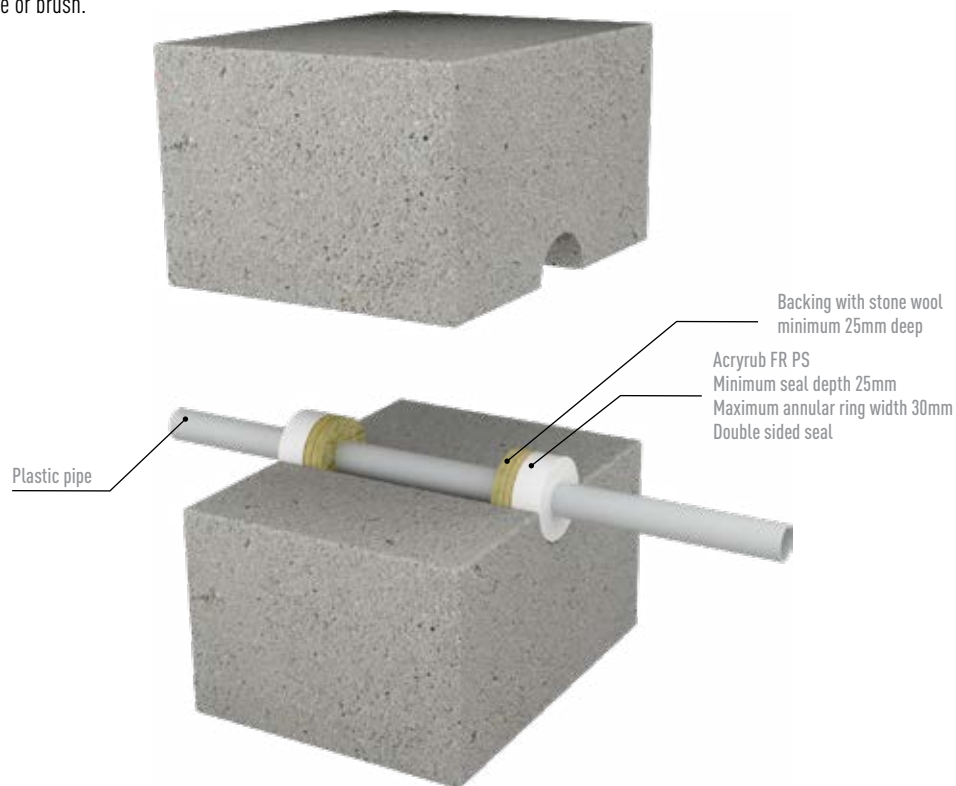
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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases).
For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe $\leq \text{Ø}32\text{mm}$ with wall thickness 1.0-1.6mm
EI 240 U/C & E 240 U/C
- PE, ABS or SAN+PVC pipe $\leq \text{Ø}32\text{mm}$ with wall thickness 2.0mm
EI 240 C/U & E 240 C/U
- PP pipe $\text{Ø}32\text{mm}$ with wall thickness 2.0-4.4mm
EI 180 C/U & E 180 C/U
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414

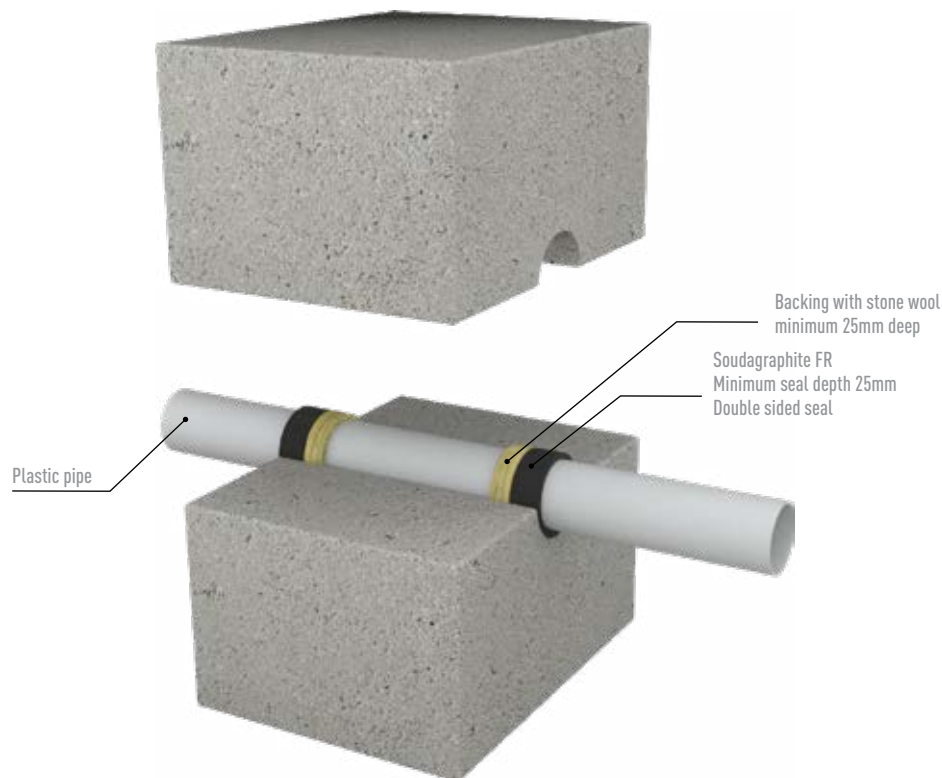


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INSTALLATION INSTRUCTIONS

Soudagraphite FR & Stone wool

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Soudagraphite FR
Stone wool

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise concrete, aerated concrete or
masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe $\leq 110 \text{ mm}$ diameter
with wall thickness 1.9-6.6mm in seal
widths between 10 and 30mm EI 120 U/C
- PE, ABS or SAN+PVC pipe $\leq 40 \text{ mm}$
diameter with wall thickness 2.4-3.7mm
in seal widths between 10 and 30mm
EI 120 U/C
- PE, ABS or SAN+PVC pipe $\leq 110 \text{ mm}$
diameter with wall thickness 2.4-4.2mm
in seal widths between 10 and 30mm
EI 60 U/C
- PE, ABS or SAN+PVC pipe $\leq 110 \text{ mm}$
diameter with wall thickness 4.3-10.0mm
in seal widths between 10 and 30mm
EI 90 U/C & E 120 U/C
- Sound reduction (seal only) Rw 53dB

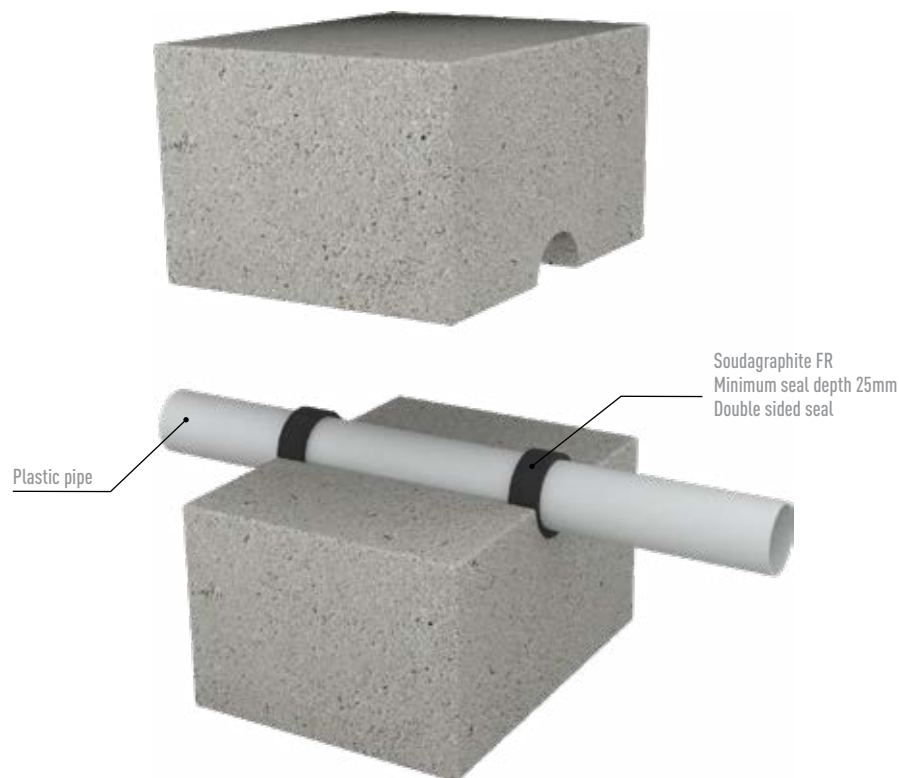
CERTIFICATION:

ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudagraphite FR

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe $\leq 160 \text{ mm}$ diameter with wall thickness 3.2-9.5mm in seal widths between 10 and 30mm
EI 30 U/C
- PVC-U or PVC-C pipe $\leq 160 \text{ mm}$ diameter with wall thickness 9.5mm in seal widths between 10 and 30mm
EI 90 U/C
- PP pipe $\leq 110 \text{ mm}$ diameter with wall thickness 1.8-6.3mm in seal widths between 10 and 30mm
EI 60 U/C
- Sound reduction (seal only)
Rw 53dB

CERTIFICATION:

ETA 19/0410

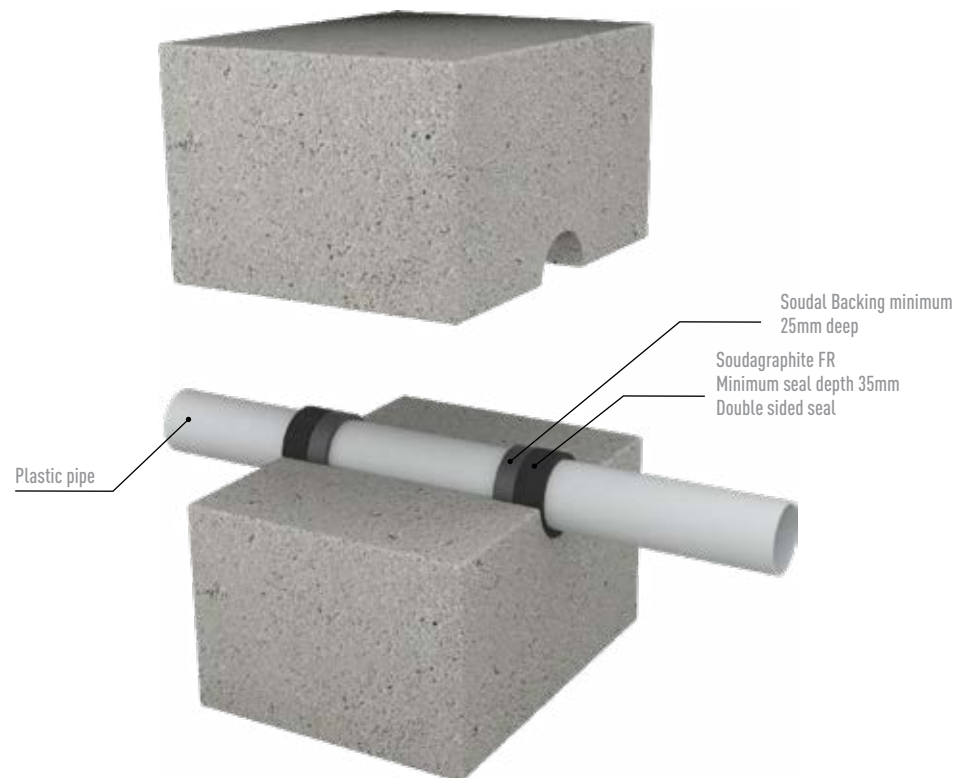


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INSTALLATION INSTRUCTIONS

Soudagraphite FR

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe $\leq 160 \text{ mm}$ diameter with wall thickness 4.0-9.5mm in seal widths between 10 and 30mm
EI 90 U/C
- PVC-U or PVC-C pipe $\leq 160 \text{ mm}$ diameter with wall thickness 9.5mm in seal widths between 10 and 30mm
EI 180 U/C & E 240 U/C
- Sound reduction (seal only)
Rw 53dB

CERTIFICATION:

ETA 19/0414



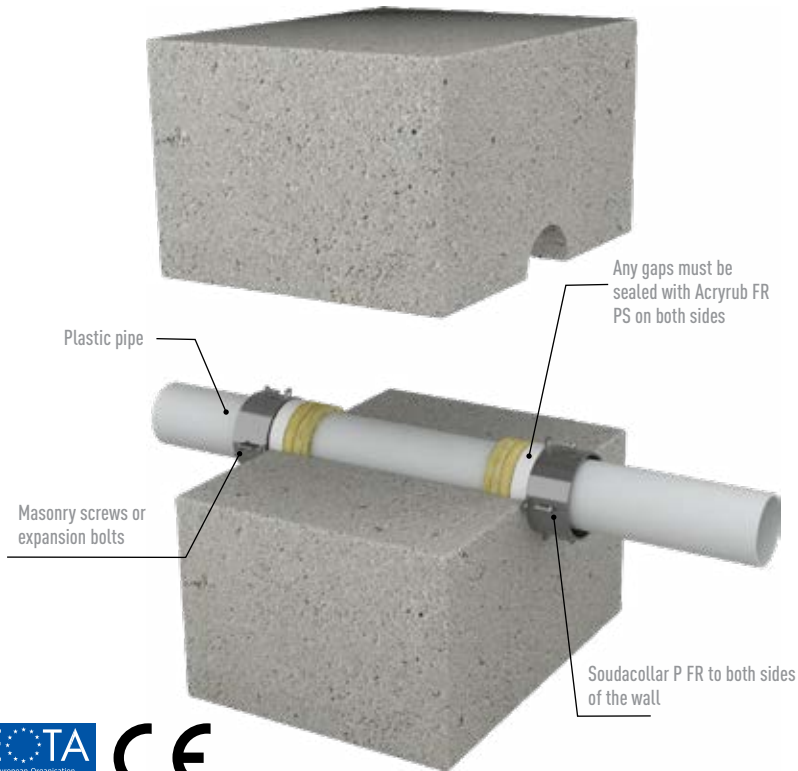
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 25mm deep Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110$ mm PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 140$ mm PVC-U & PVC-C	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 90 C/C, EI 90 U/C, EI 60 C/U, EI 60 U/U
$\varnothing 315 \times 9.2$ mm PVC-U & PVC-C	75mm	EI 60 C/C
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 140$ mm PE, ABS & SAN+PVC	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U
$\varnothing 200 \times 18.2$ mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\varnothing 250 \times 22.7$ mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\leq \varnothing 50$ mm PP	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110$ mm PP	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 110$ mm PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160$ mm PP	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0414 & ETA 19/0412



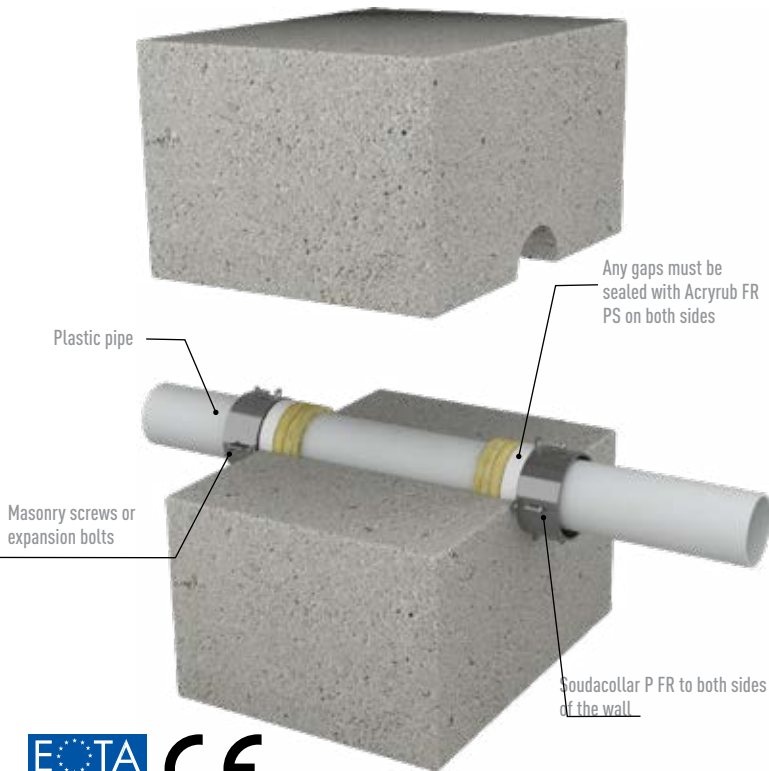
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 25mm deep Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 120 C/C
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 120 C/C
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 90 C/C (E 120)
$\varnothing 110 \times 3.4$ mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 90 C/C
$\varnothing 160 \times 9.5$ mm PE, ABS & SAN+PVC	60mm	EI 120 C/C
$\leq \varnothing 50$ mm PP	50mm	EI 120 C/C
$\leq \varnothing 110$ mm PP	50mm	EI 90 C/C (E 120)
$\leq \varnothing 140$ mm PP	60mm	EI 90 C/C (E 120)
$\varnothing 160$ mm PP	60mm	EI 120 C/C



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0414 & ETA 19/0412



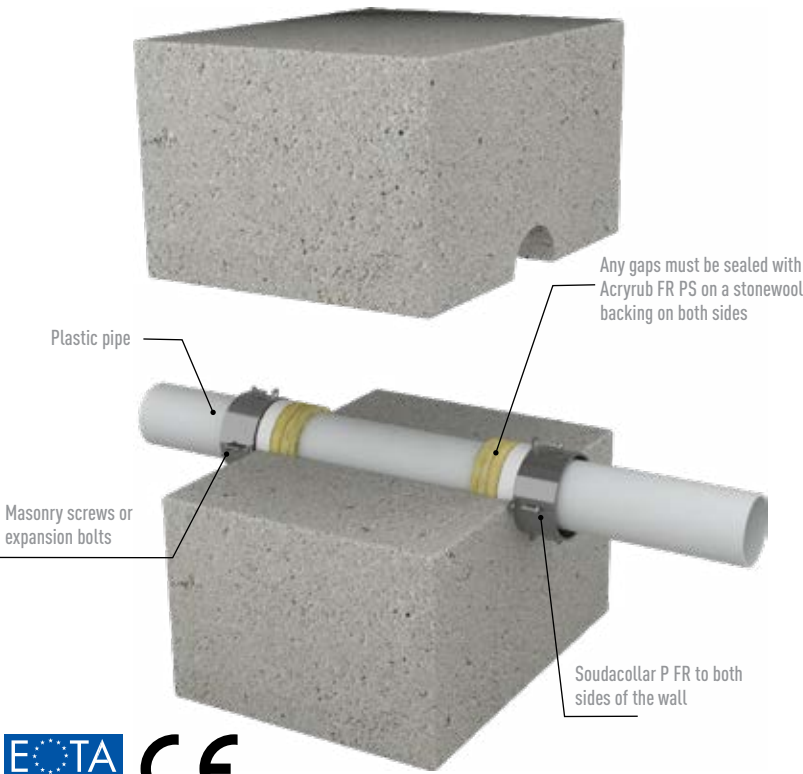
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 20mm deep Acryrub FR PS on 20mm deep stone wool to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50$ mm PVC-U & PVC-C	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)
$\leq \varnothing 110$ mm PVC-U & PVC-C	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
$\leq \varnothing 160$ mm PVC-U & PVC-C	60mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\varnothing 315 \times 9.2$ mm PVC-U & PVC-C	75mm	EI 120 C/C
$\leq \varnothing 50$ mm PE, ABS & SAN+PVC	50mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm PE, ABS & SAN+PVC	50mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)
$\leq \varnothing 160$ mm PE, ABS & SAN+PVC	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U
$\varnothing 200 \times 18.2$ mm PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\varnothing 250 \times 22.7$ mm PE, ABS & SAN+PVC	75mm	EI 90 C/C (E 120)
$\leq \varnothing 50$ mm PP	30mm	EI 240 C/C, EI 240 U/C, EI 240 C/U, EI 240 U/U
$\leq \varnothing 110$ mm PP	50mm	EI 240 C/C, EI 240 U/C, EI 90 C/U, EI 90 U/U (E 240)
$\leq \varnothing 140$ mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 60 C/U, EI 60 U/U (E 240)
$\varnothing 160$ mm PP	60mm	EI 180 C/C, EI 180 U/C, EI 180 C/U, EI 180 U/U (E 240)



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0414 & ETA 19/0412



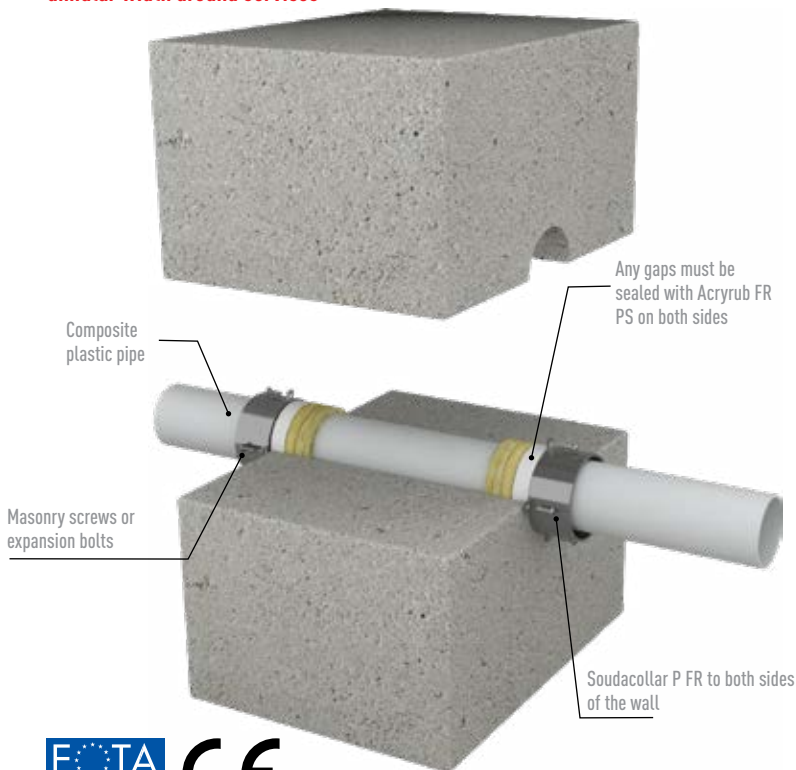
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 25mm deep Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4 \times 40$ mm long masonry screws or expansion bolts.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 32$ mm Aquatherm Green SDR9	30mm	EI 120 C/C
$\leq \varnothing 50$ mm Aquatherm Green SDR9	50mm	EI 120 C/C
$\leq \varnothing 110$ mm Aquatherm Green SDR9	50mm	EI 60 C/C (E 120)
$\leq \varnothing 50$ mm BluePower	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110$ mm BluePower	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U (E 120)
$\varnothing 125$ mm BluePower	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U
$\varnothing 160$ mm BluePower	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U
$\leq \varnothing 50$ mm Geberit Silent-PP	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm Geberit Silent-PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 50$ mm Polo-Kal NG pipes	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm Polo-Kal NG pipes	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\varnothing 125$ mm Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C (E 120 C/U, E 120 U/U)
$\varnothing 160$ mm Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50$ mm Rehau Raupiano Plus	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110$ mm Rehau Raupiano Plus	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 160$ mm Rehau Raupiano Plus	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50$ mm Wavin SiTech	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110$ mm Wavin SiTech	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of composite plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only) Rw 58dB

CERTIFICATION:

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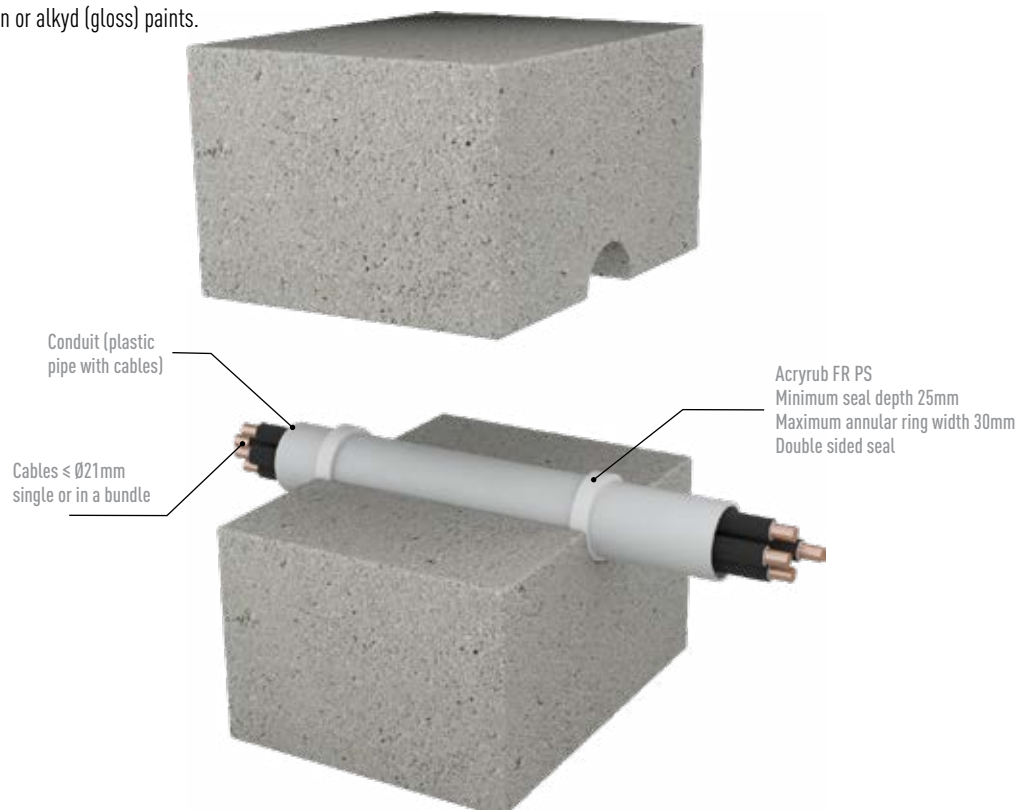


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudatransit P

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
4. Fill the gap or joint with Acryrub FR PS to the required depth.
5. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
6. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudatransit P

APPLICATION

Fire stopping of conduits in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C conduit/pipe $\leq \text{Ø}40\text{mm}$ with wall thickness 1.0 – 1.9mm
EI 120 U/C & E 120 U/C
- PE, ABS or SAN+PVC conduit/pipe $\leq \text{Ø}40\text{mm}$ with wall thickness 2.0 – 3.0mm
EI 90 U/C & E 90 U/C
- PP conduit/pipe $\leq \text{Ø}40\text{mm}$ with wall thickness 1.8 – 2.2mm
EI 90 U/C & E 90 U/C
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414 & ETA 19/0412 & ETA 19/0407

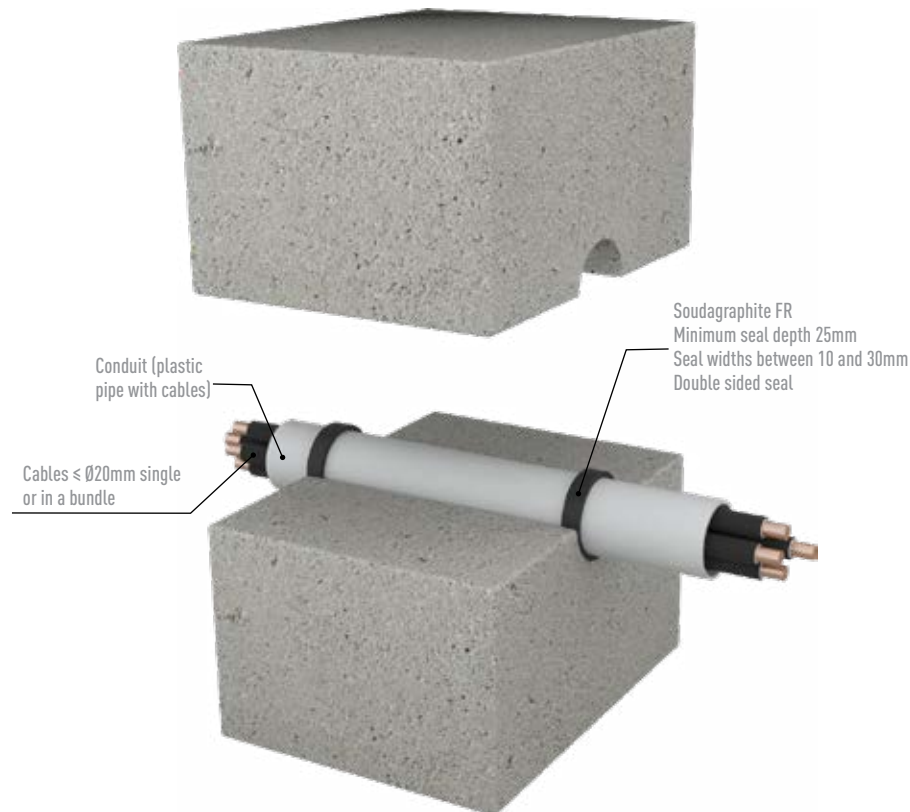


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INSTALLATION INSTRUCTIONS

Soudagraphite FR & Soudatransit P

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR
Soudatransit P

APPLICATION

Fire stopping of conduits in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PE, ABS or SAN+PVC conduit/pipe $\leq \text{Ø}110\text{mm}$ with wall thickness 2.4 - 10.0mm EI 60 U/C
- PP conduit/pipe $\leq \text{Ø}110\text{mm}$ with wall thickness 2.7 - 6.6mm EI 90 U/C
- PVC-U or PVC-C conduit/pipe $\leq \text{Ø}110\text{mm}$ with wall thickness 1.9 - 6.6mm EI 90 U/C
- Sound reduction (seal only)
Rw 53dB

CERTIFICATION:

ETA 19/0410 & ETA 19/0407

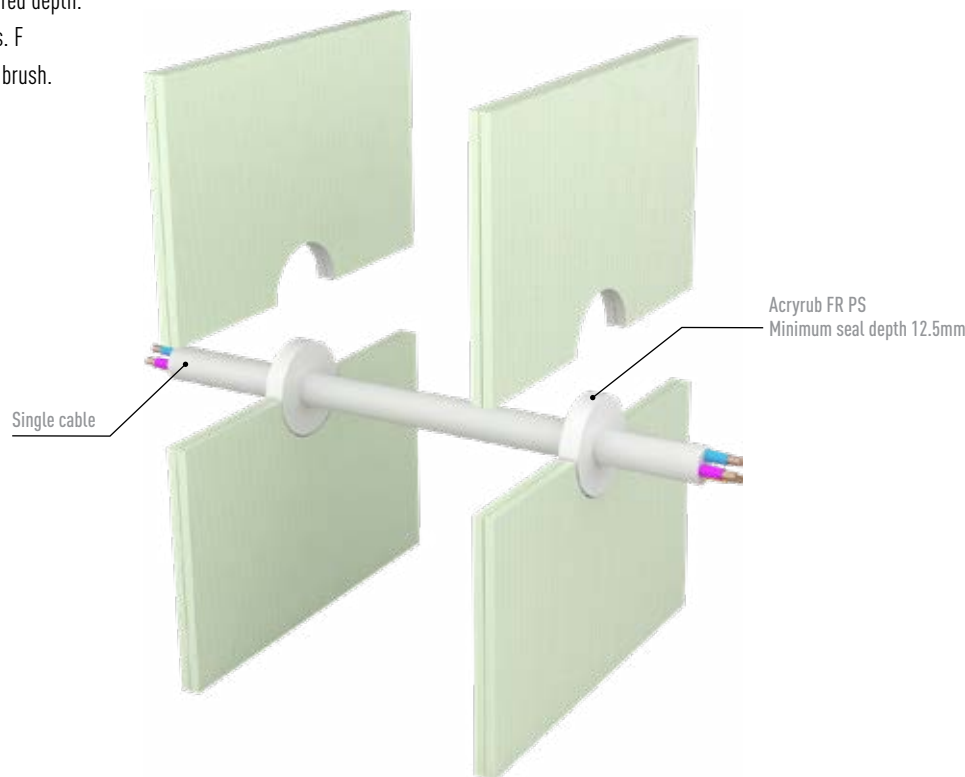


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cable $\leq \varnothing 21\text{mm}$ in double sided seal in maximum aperture 150x150mm
EI 45 & E 60
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

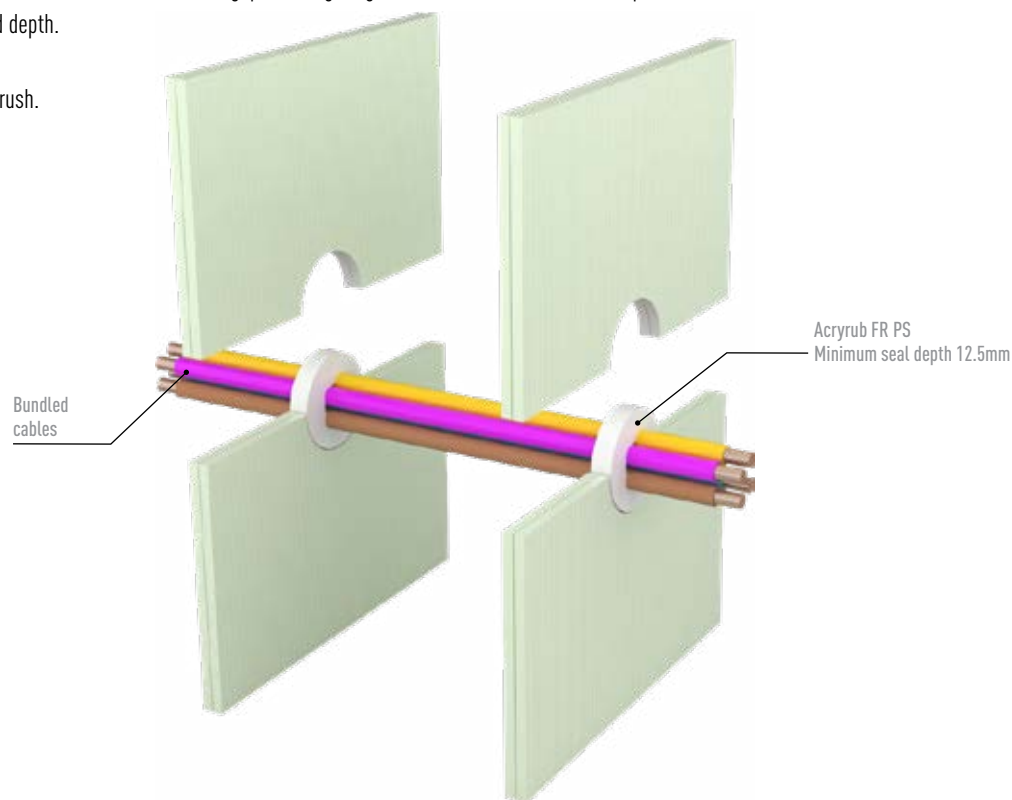


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



packshot



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21$ mm in a bundle $\leq \varnothing 100$ mm in double sided seal in maximum aperture 150x150mm EI 30 & E 45
- Sound reduction (seal only) Rw 62 dB

CERTIFICATION:

ETA 19/0414

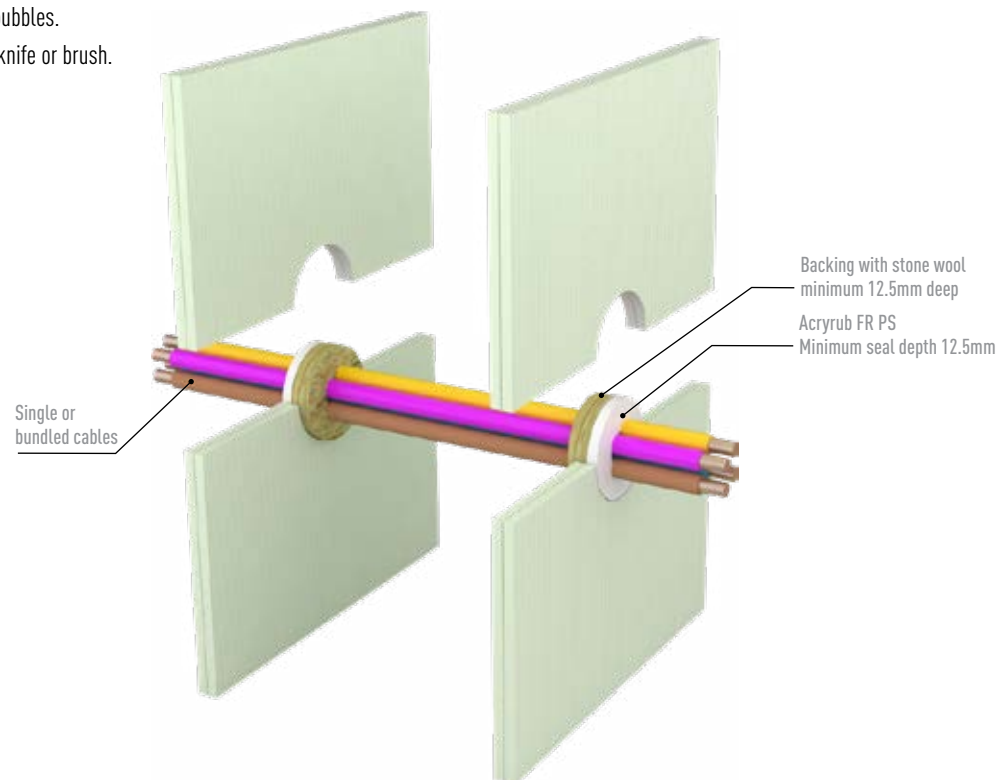


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21$ mm single or in a bundle $\leq \varnothing 50$ mm in double sided seal in maximum aperture 300x300mm
EI 90 & E 120
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

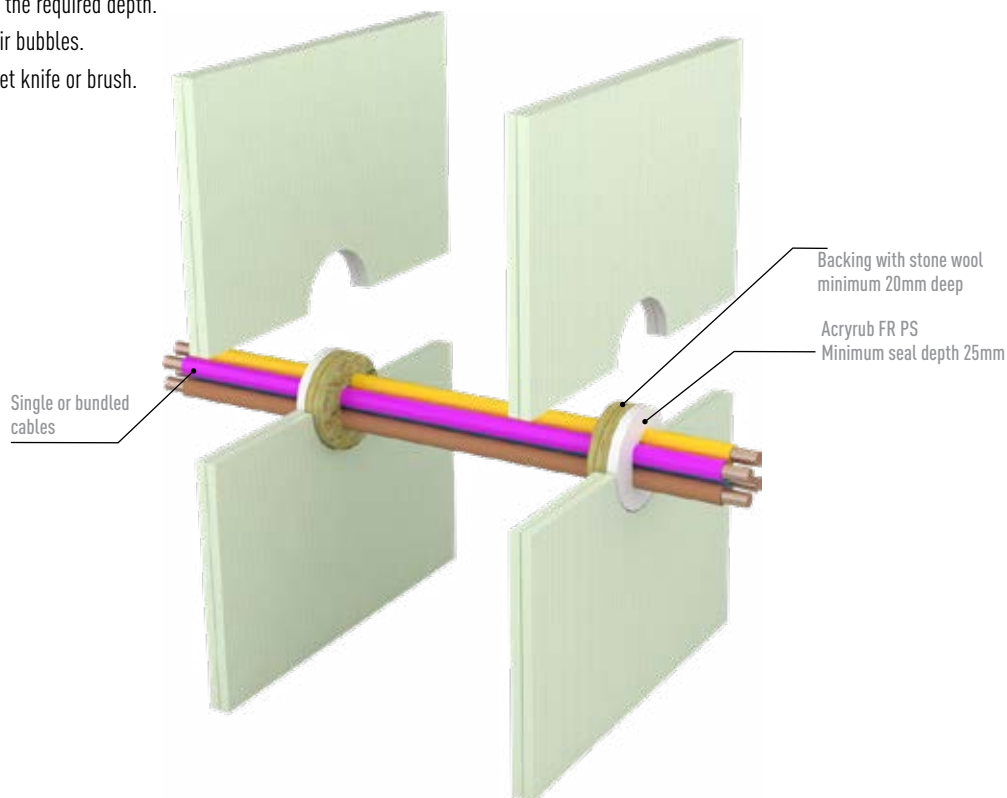


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21$ mm single or in a bundle $\leq \varnothing 100$ mm in double sided seal in maximum aperture 300x300mm EI 120 & E 120
- Sound reduction (seal only) Rw 62 dB

CERTIFICATION:

ETA 19/0414

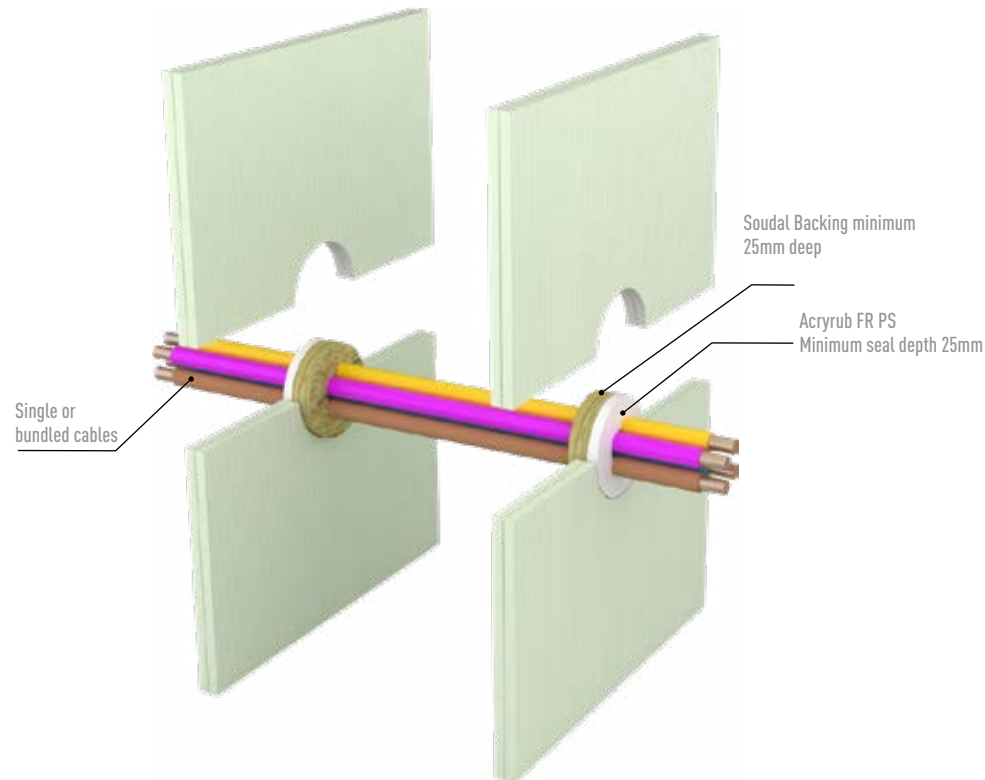


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 80\text{mm}$ single or in a bundle
 $\leq \varnothing 100\text{mm}$ in double sided seal in maximum aperture 300x300mm
EI 60 & E 120
- Sound reduction (seal only)
Rw 62 dB

CERTIFICATION:

ETA 19/0414

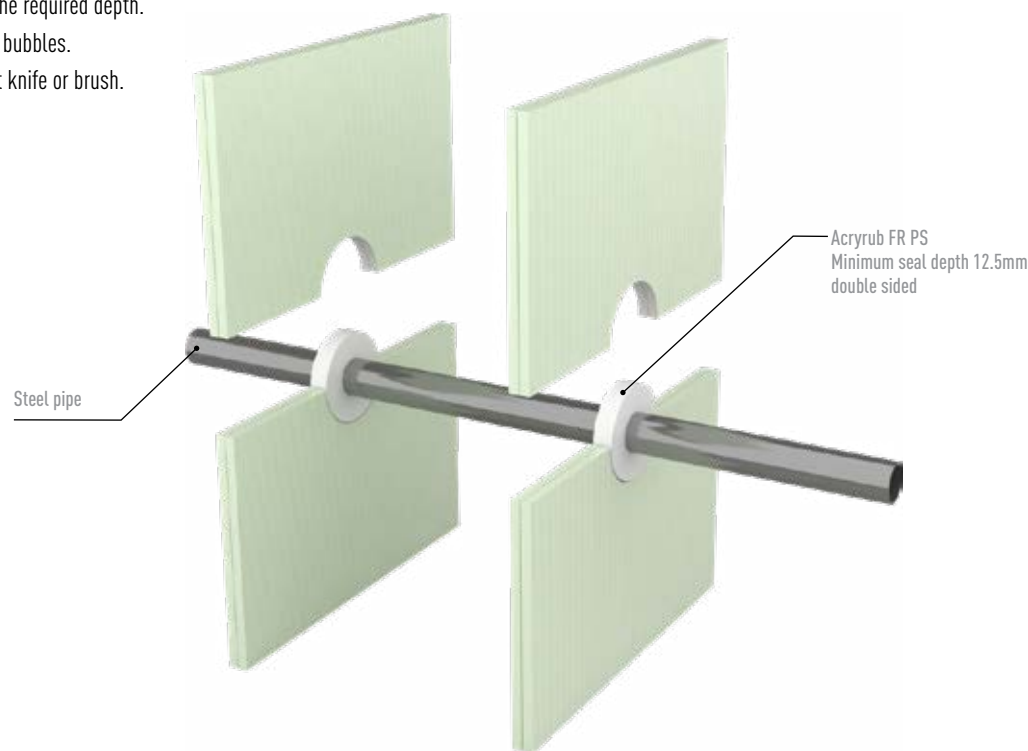


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 22\text{mm}$ without pipe insulation in maximum aperture 150x150mm
EI 30 C/U & E 60 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

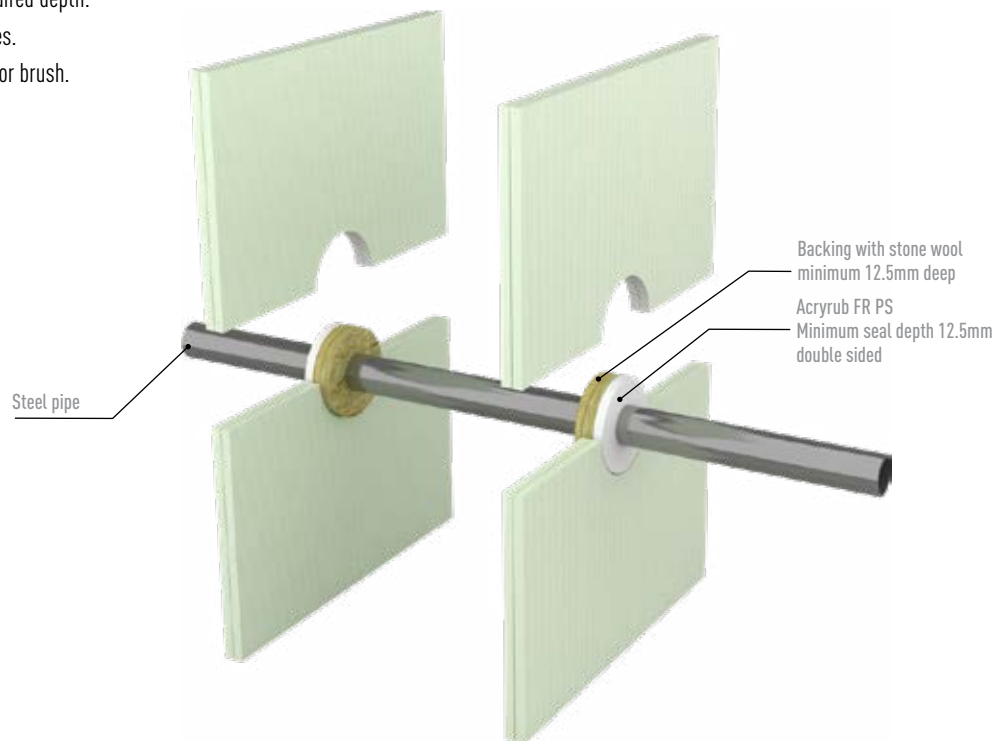


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 30\text{mm}$ without pipe insulation
in maximum aperture $300 \times 300\text{mm}$
EI 90 C/C & E 90 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

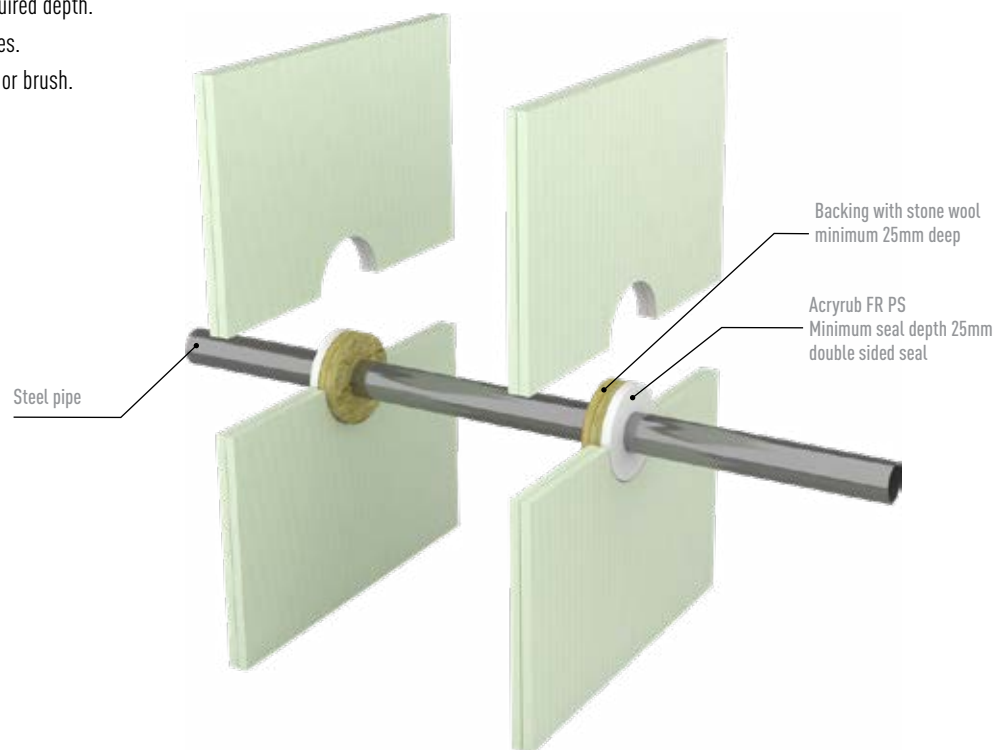


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe Ø22 - Ø30mm without pipe insulation in maximum aperture 300x300mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

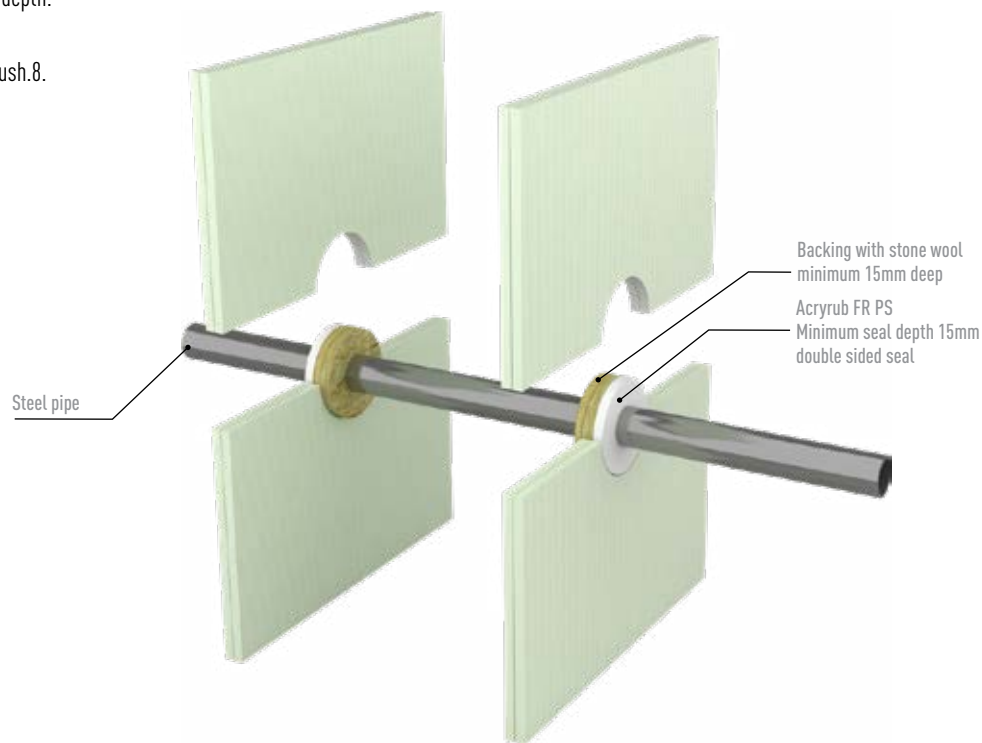


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 324$ mm without pipe insulation in maximum aperture 300x300mm or $\varnothing 344$ mm
E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

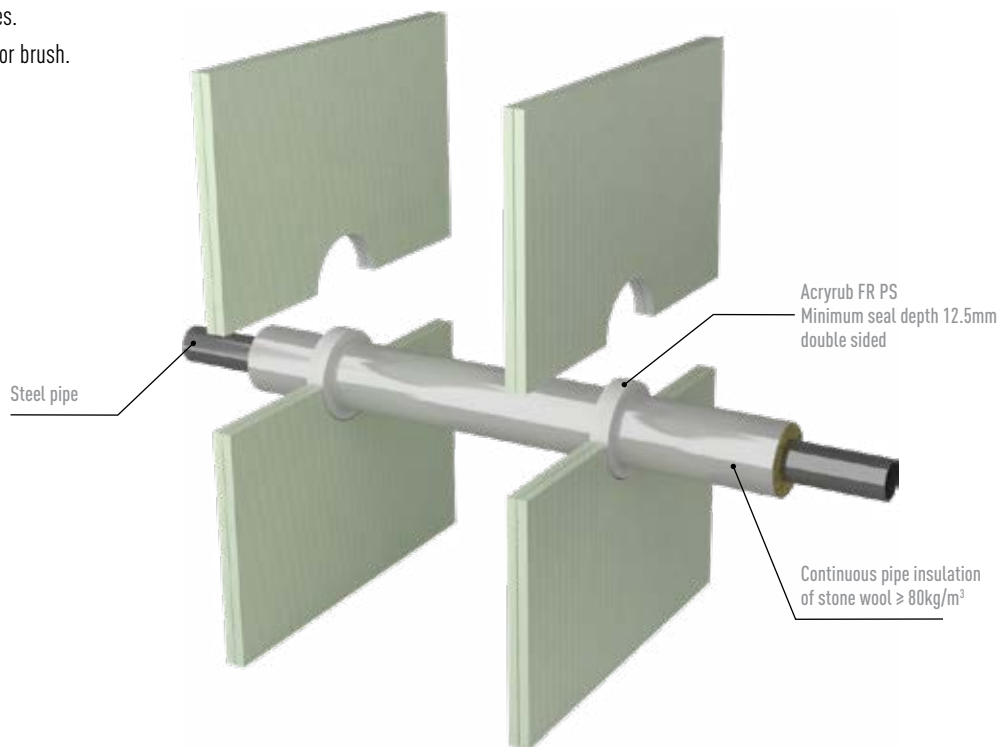


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \text{Ø}324\text{mm}$ with 20-30mm thick pipe insulation in maximum aperture 150x150mm or $\text{Ø}344\text{mm}$
EI 45 C/U & E 60 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

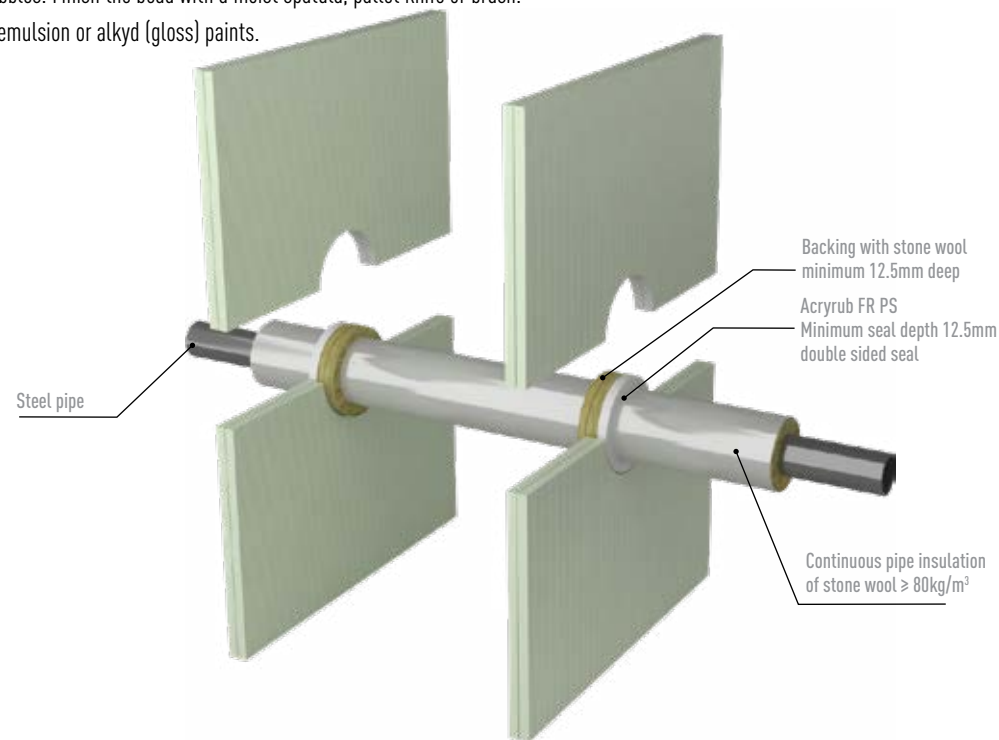


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \text{Ø}324\text{mm}$ with 20-80mm thick pipe insulation in maximum aperture 300x300mm or $\text{Ø}504\text{mm}$
EI 90 C/U & E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

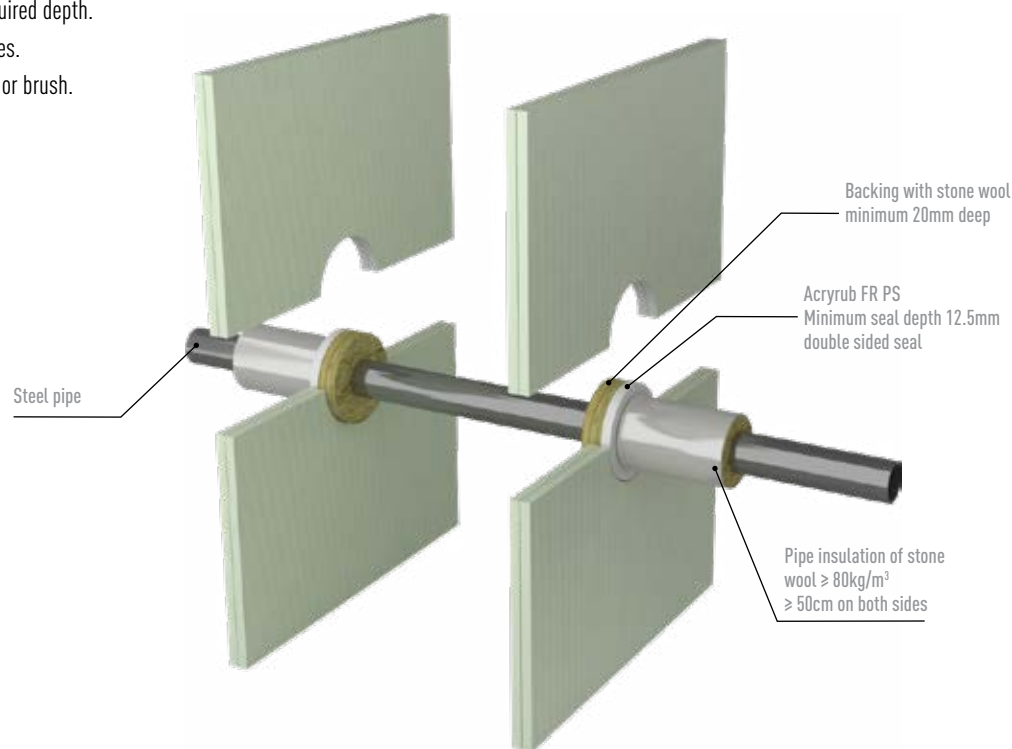


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 120 C/U & E 120 C/U
- Steel pipe $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 90 C/U & E 120 C/U
- Sound reduction (seal only) R_w 62dB

CERTIFICATION:

ETA 19/0414

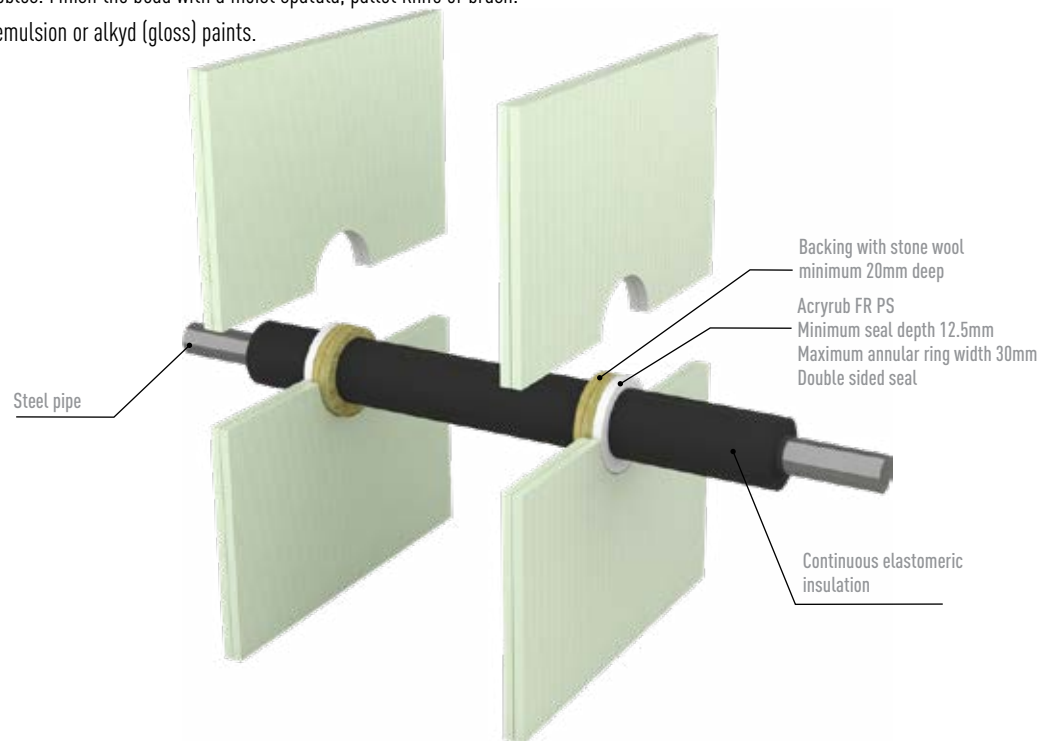


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 40\text{mm}$ with 13 – 19mm thick
pipe insulation
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

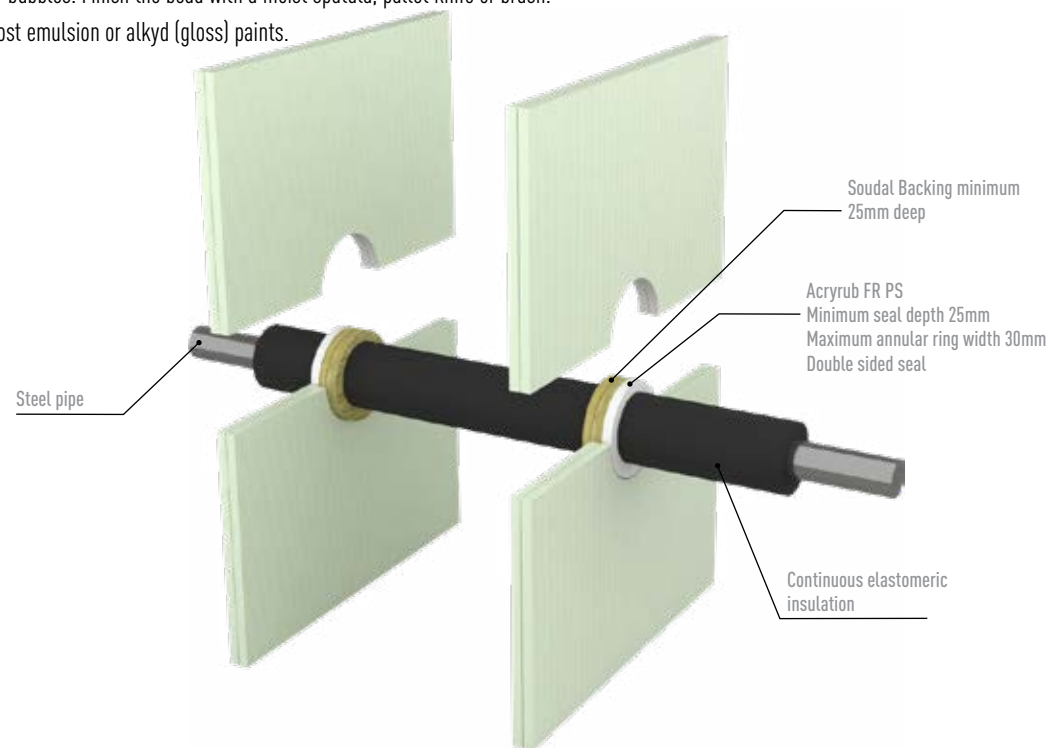


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
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4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Steel pipe $\leq \varnothing 165\text{mm}$ with 13 – 19mm thick pipe insulation
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

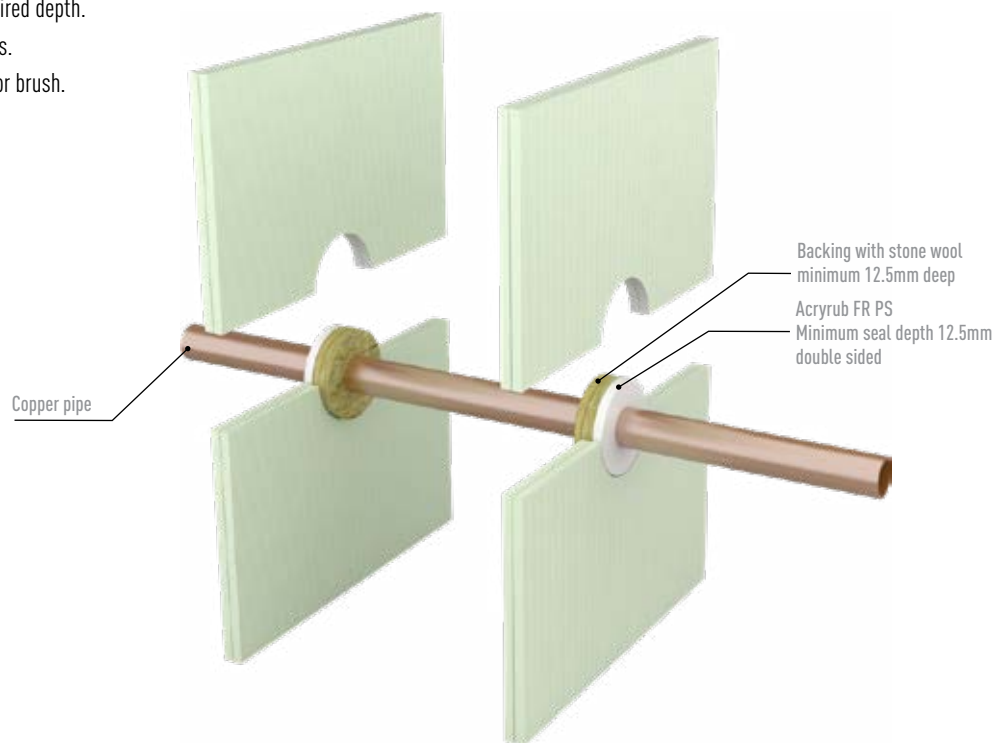


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 12\text{mm}$ without pipe insulation in maximum aperture 300x300mm
EI 60 C/C & E 90 C/C
- Copper pipe $\varnothing 13\text{--}\varnothing 22\text{mm}$ without pipe insulation in maximum aperture 300x300mm
EI 30 C/C & E 90 C/C
- Sound reduction (seal only) $R_w 62\text{dB}$

CERTIFICATION:

ETA 19/0414

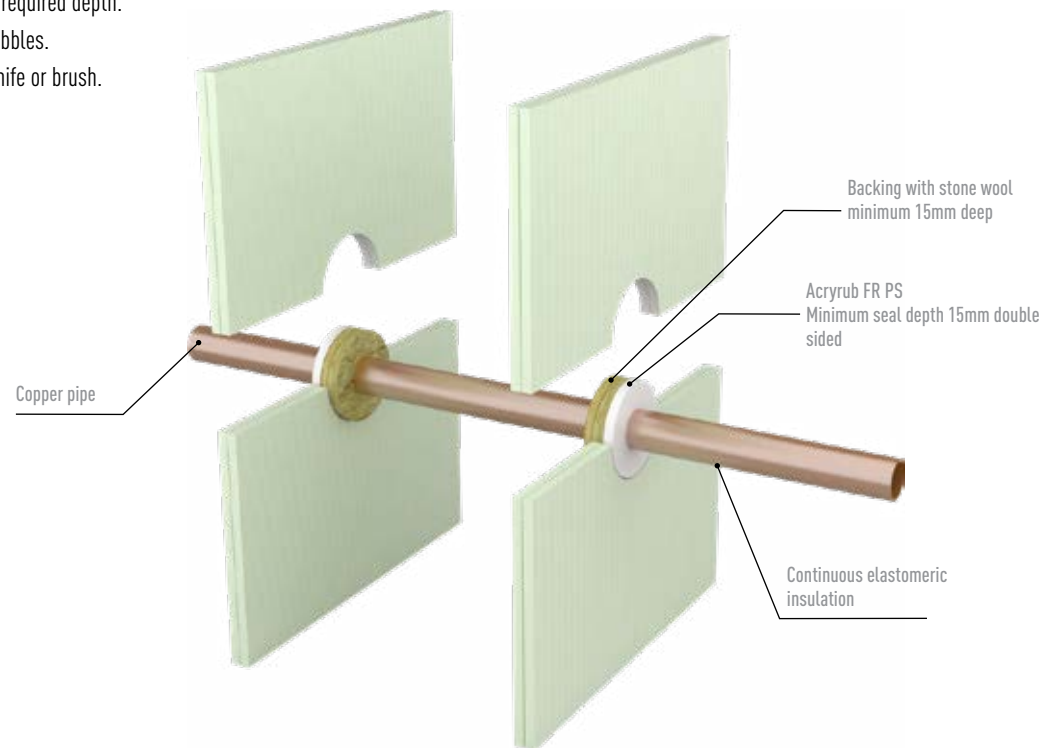


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8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 54\text{mm}$ without pipe insulation in maximum aperture 300x300mm
E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

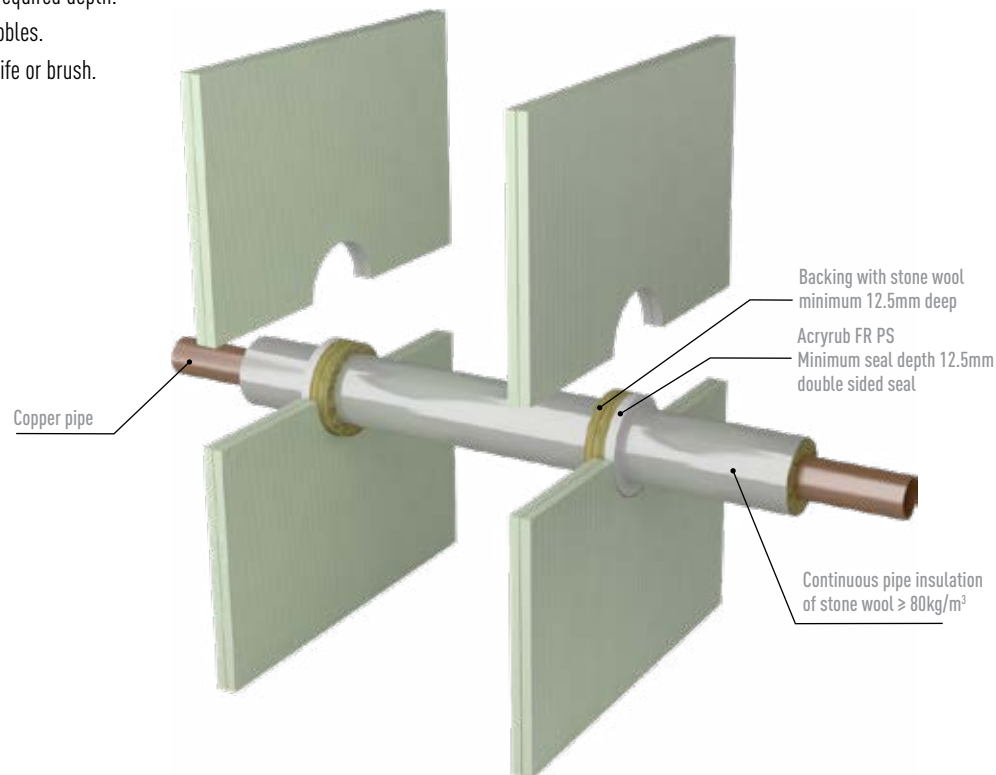


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Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 54\text{mm}$ with 20-80mm thick pipe insulation in maximum aperture 300x300mm or $\varnothing 504\text{mm}$
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

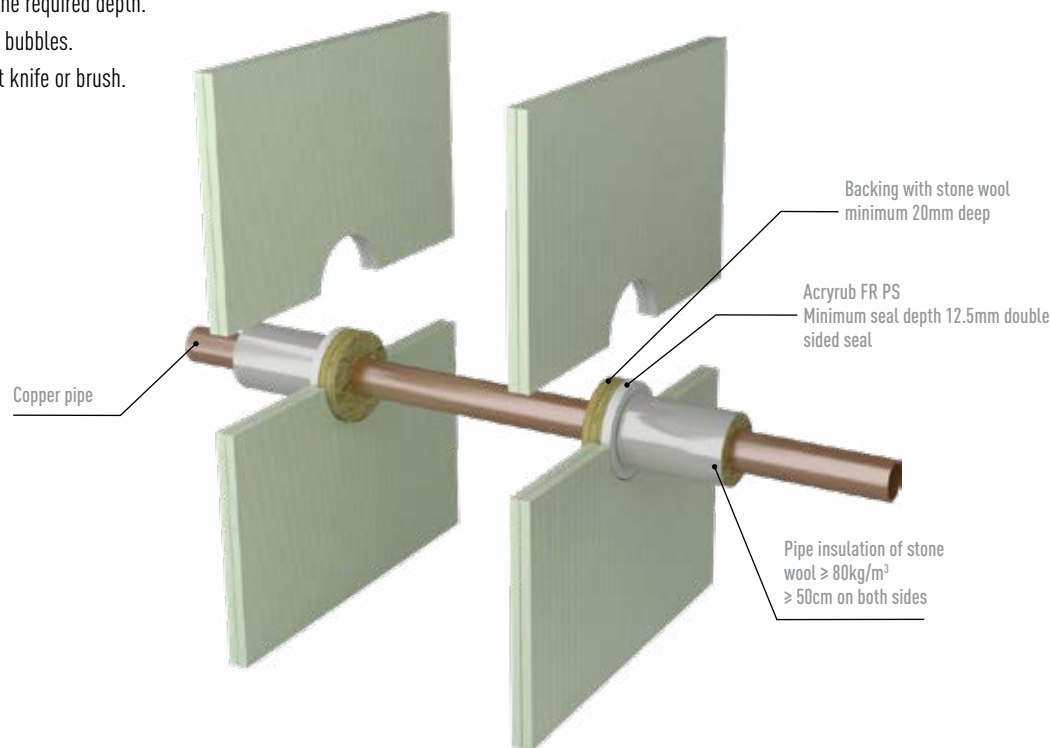


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4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

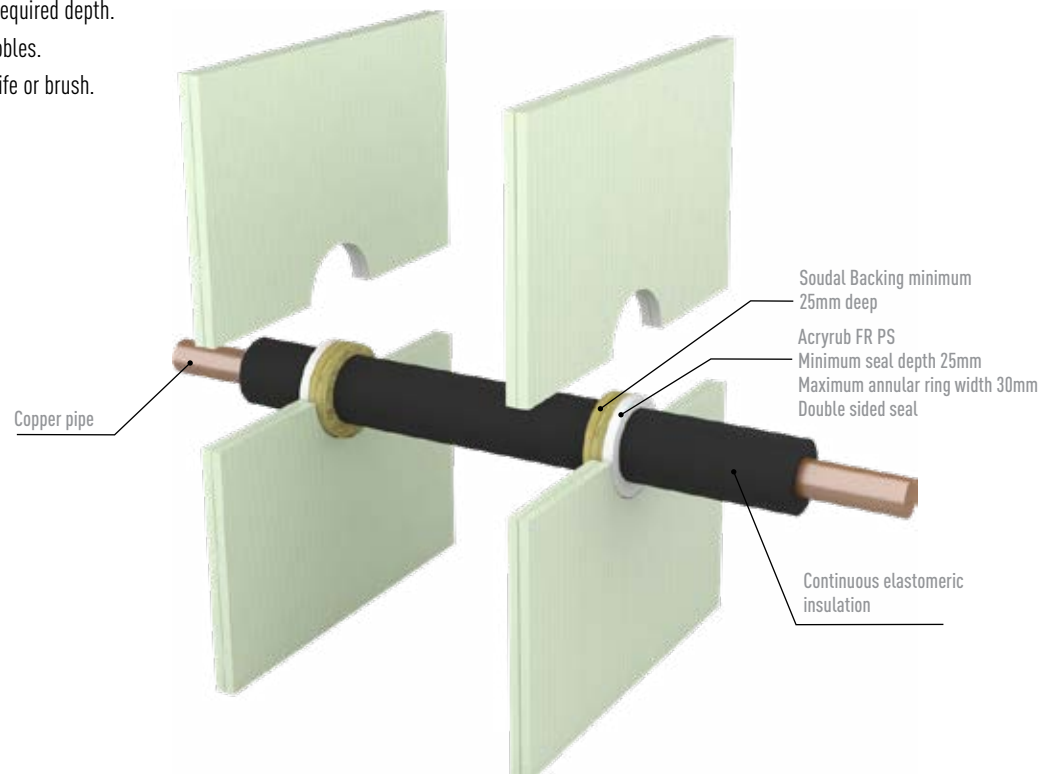


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudal Backing

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Copper pipe $\leq \varnothing 12\text{mm}$ with 9mm thick pipe insulation
EI 120 C/C & E 120 C/C
- Copper pipe $\leq \varnothing 54\text{mm}$ with 9 – 13mm thick pipe insulation
EI 60 C/C & E 120 C/C
- Copper pipe $\leq \varnothing 54\text{mm}$ with 14 – 25mm thick pipe insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

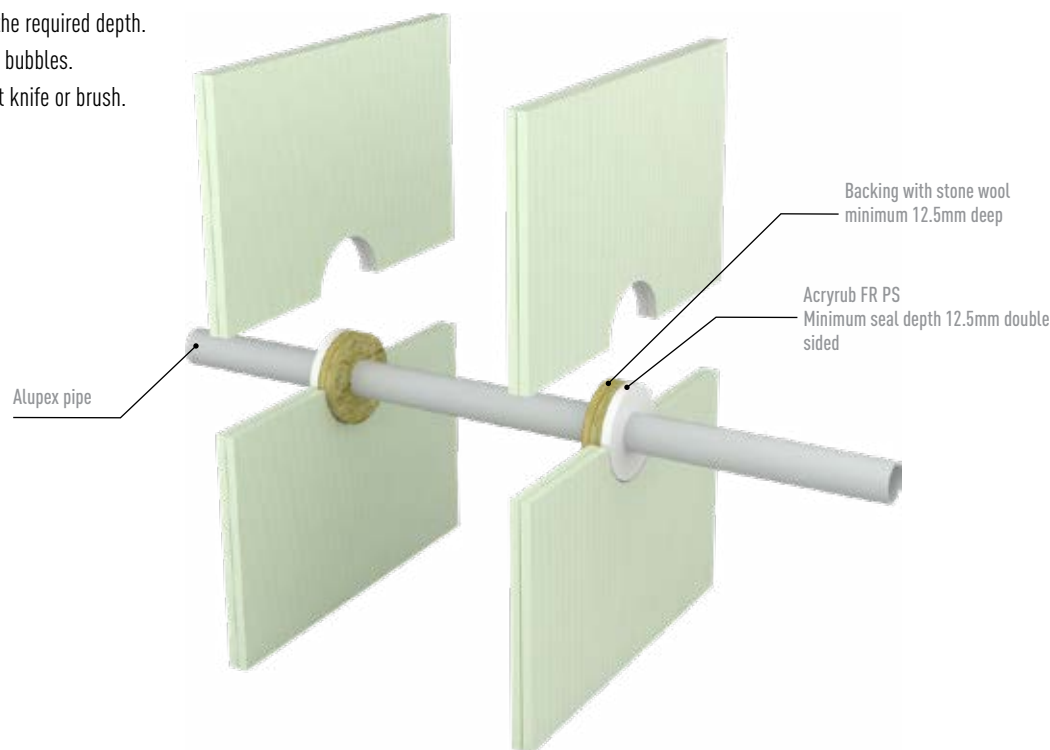


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Stone wool

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. As Acryrub FR PS is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.
4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
5. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
6. Fill the gap or joint with Acryrub FR PS to the required depth.
7. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 20\text{mm}$ without pipe insulation in maximum aperture 300x300mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

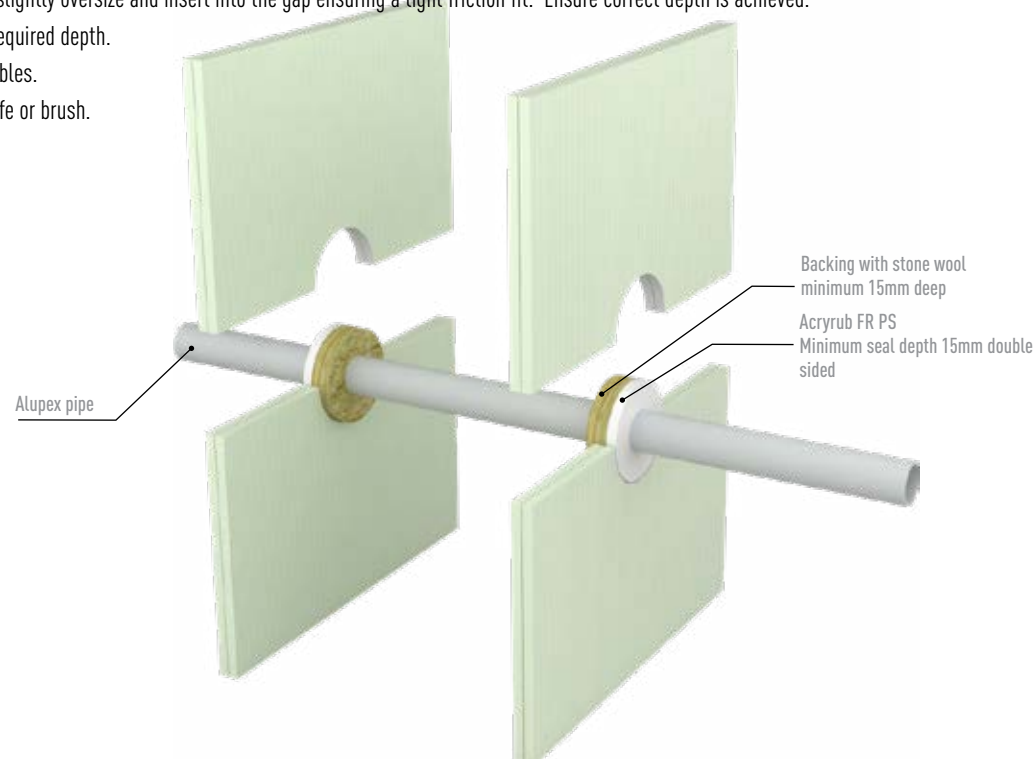


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7. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ without pipe insulation in maximum aperture 300x300mm
EI 30 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

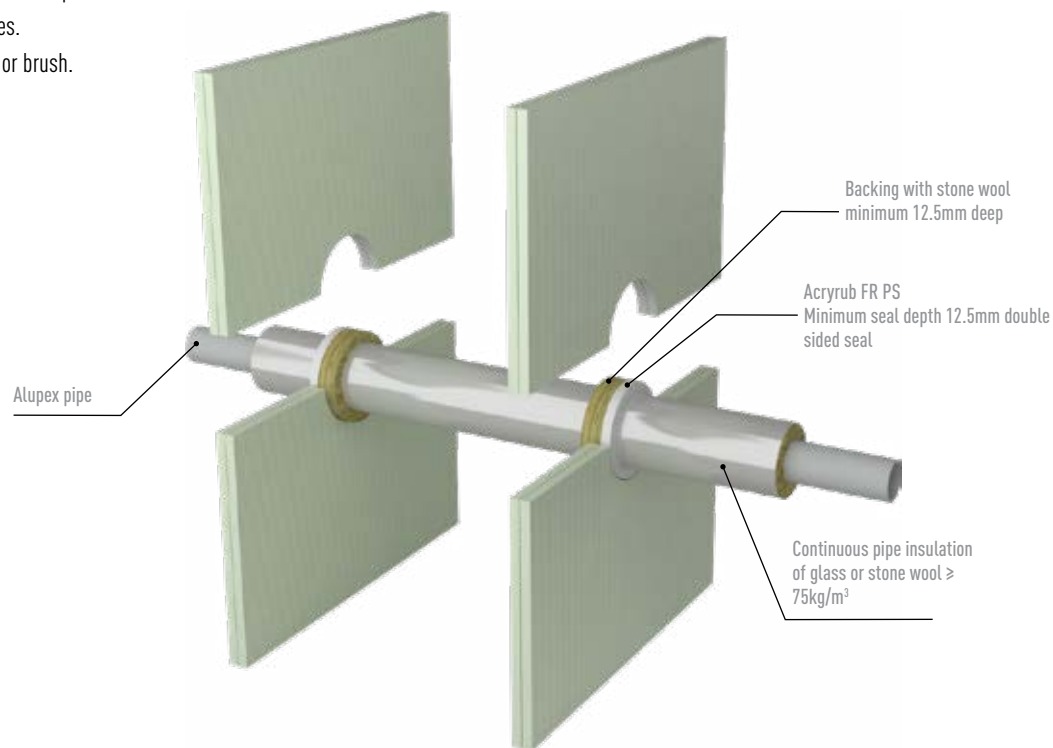


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PRODUCTS

Acryrub FR PS

Stone wool

APPLICATION

Fire stopping of alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with 20-50mm thick pipe insulation in maximum aperture 300x300mm or $\varnothing 504\text{mm}$
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

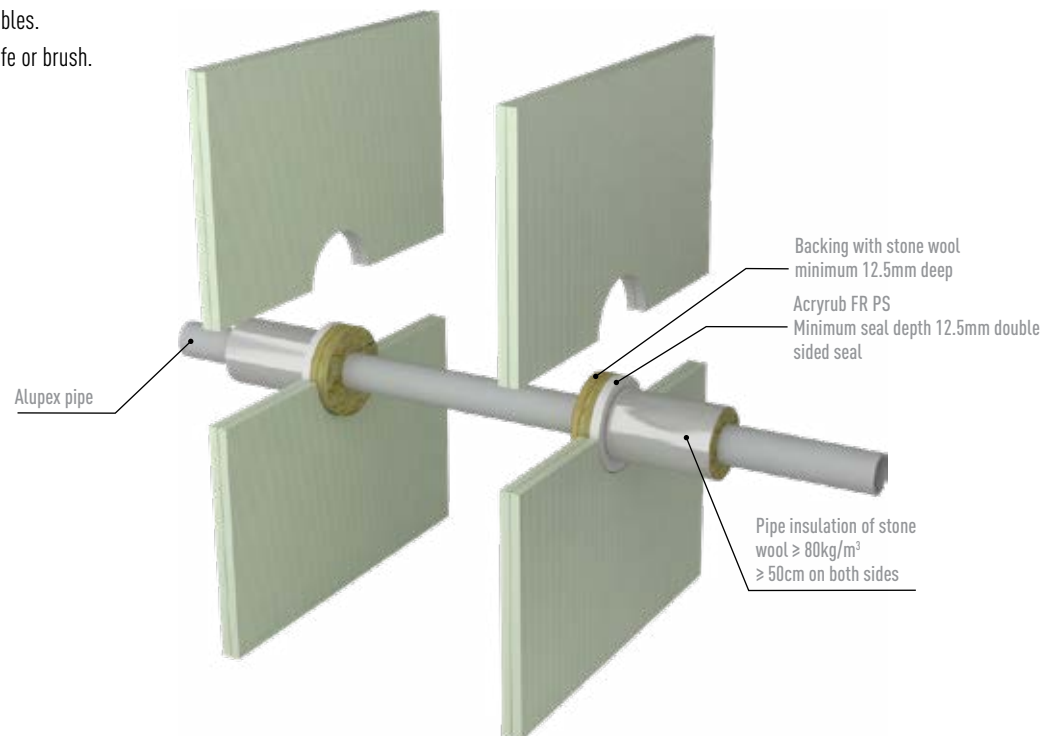


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Finish the bead with a moist spatula, pallet knife or brush.
8. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Stone wool

APPLICATION

Fire stopping of alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ thick pipe insulation in maximum aperture 300x300mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

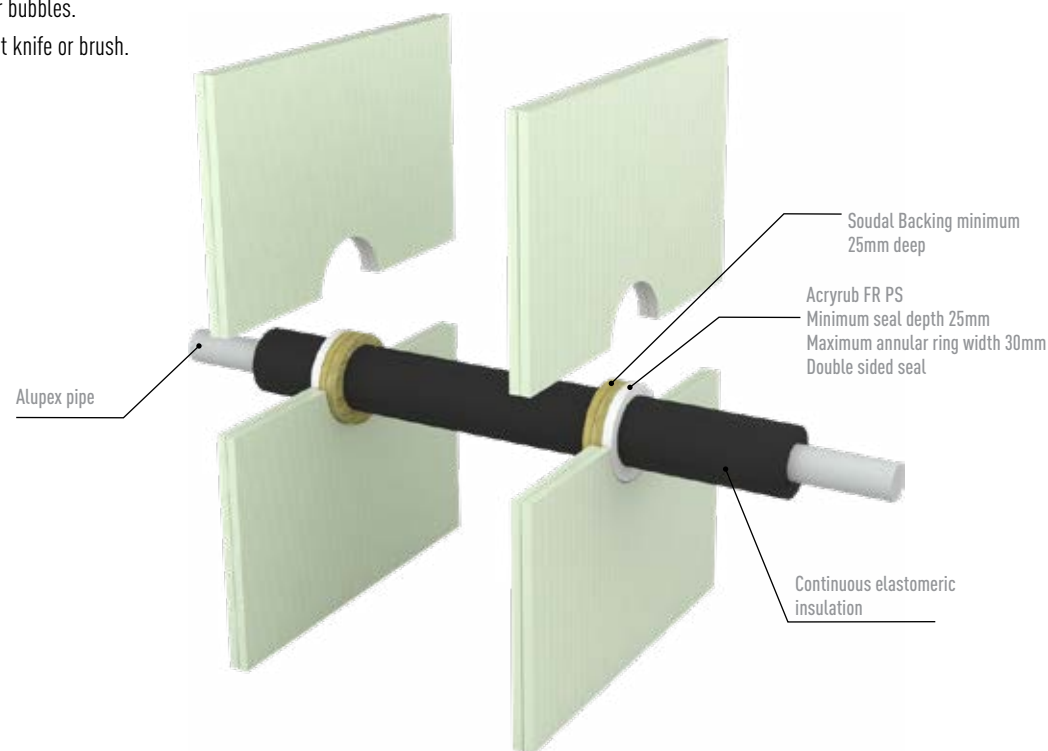


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6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudal Backing

APPLICATION

Fire stopping of alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Alupex pipe $\leq \varnothing 16\text{mm}$ with 9mm thick pipe insulation
EI 120 C/C & E 120 C/C
- Alupex pipe $\leq \varnothing 75\text{mm}$ with 9 – 25mm thick pipe insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

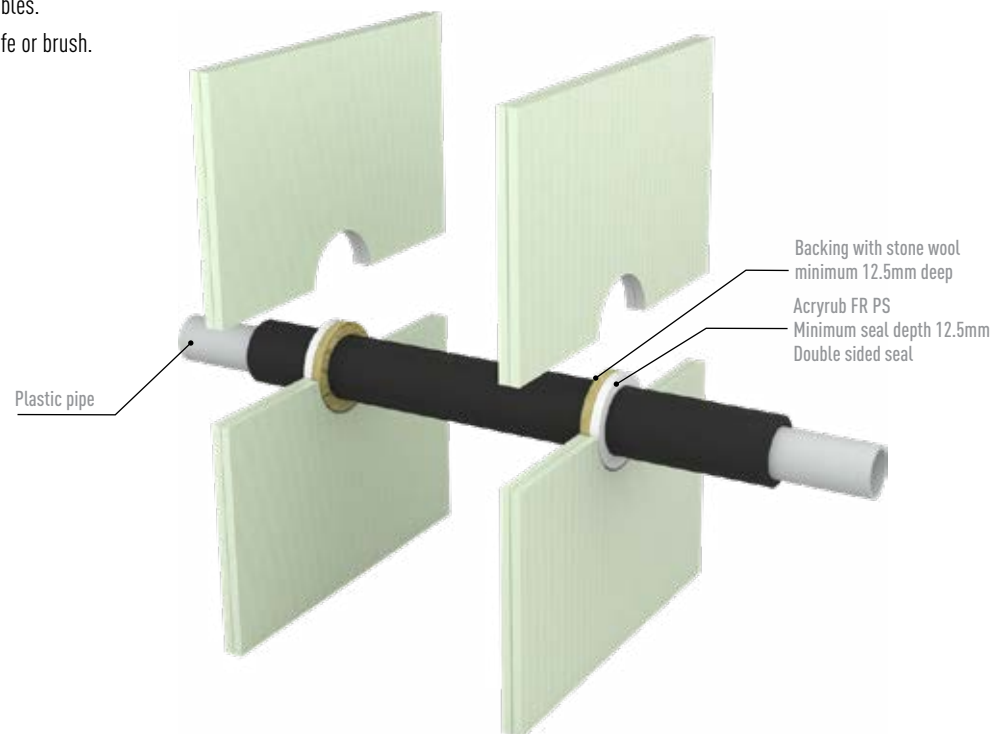


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6. Apply the sealant generously to prevent air bubbles.
Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of PEX plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipe $\leq \varnothing 25\text{mm}$ and maximum annular ring width 30mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

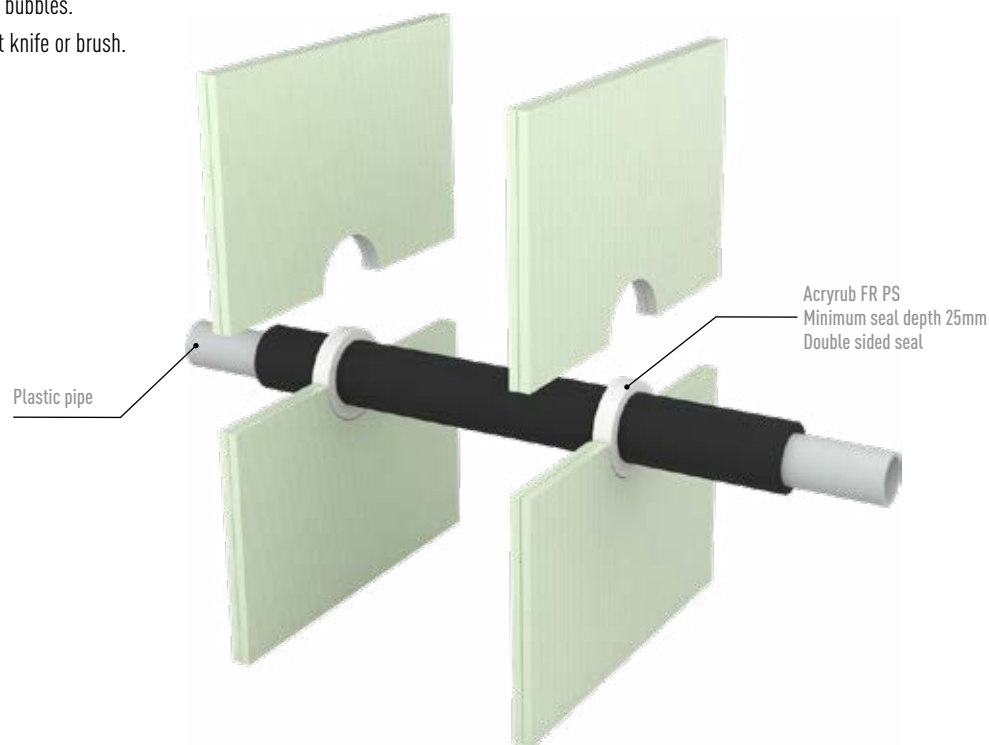


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4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of PEX plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipe $\leq \varnothing 54\text{mm}$ and maximum annular ring width 30mm
EI 45 C/C & E 60 C/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

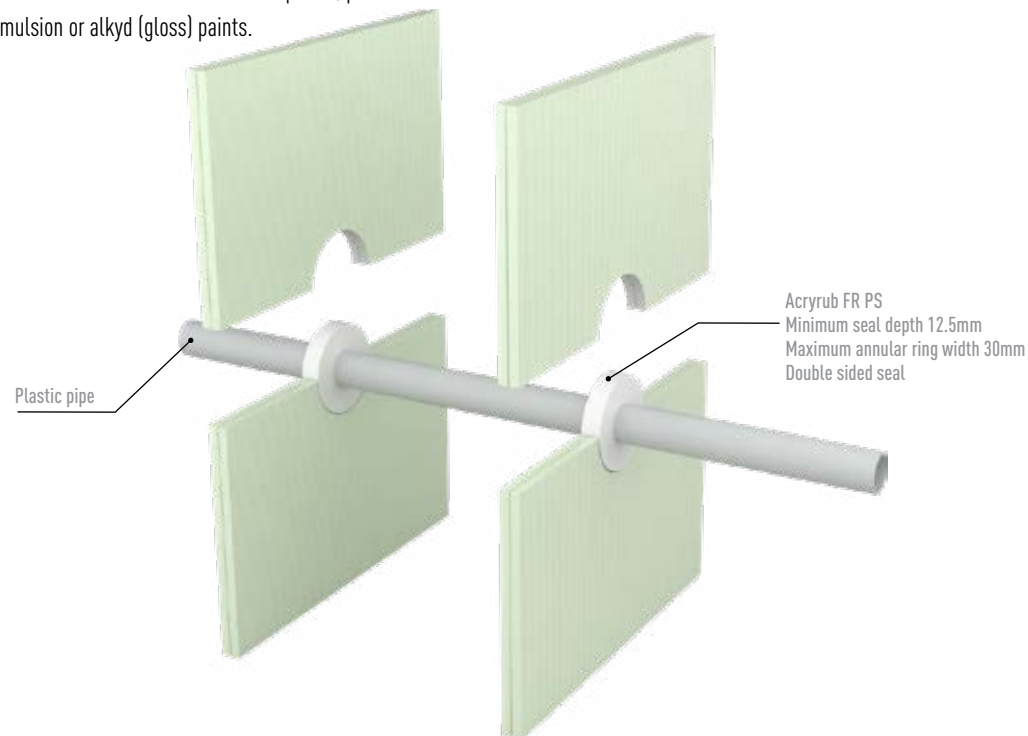


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PE, ABS or SAN+PVC pipe $\leq \varnothing 32\text{mm}$ with wall thickness 2.0 – 3.0mm
EI 30 U/C & E 30 U/C
- PP pipe $\leq \varnothing 32\text{mm}$ with wall thickness 2.3 – 4.4mm
EI 30 U/C & E 30 U/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

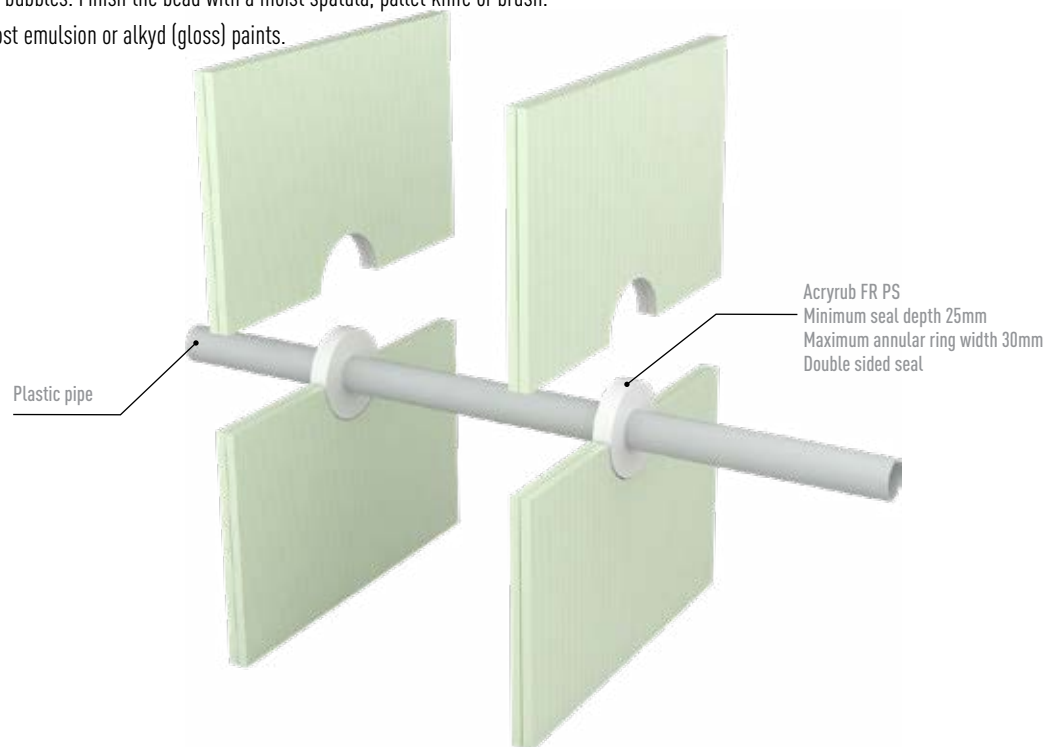


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

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2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.0-1.6mm
EI 120 C/C & E 120 C/C
- PVC-U or PVC-C pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.0-2.4mm
EI 90 U/C & E 120 U/C
- PE, ABS or SAN+PVC pipe $\varnothing 20\text{mm}$ with wall thickness 2.0mm
EI 120 U/C & E 120 U/C
- PE, ABS or SAN+PVC pipe $\leq \varnothing 32\text{mm}$ with wall thickness 2.0-3.0mm
EI 90 C/C & E 90 C/C
- PP pipe $\varnothing 20\text{mm}$ with wall thickness 2.2mm
EI 120 U/C & E 120 U/C
- PP pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.8-4.4mm
EI 60 C/C & E 60 C/C
- Sound reduction (seal only) Rw 62dB

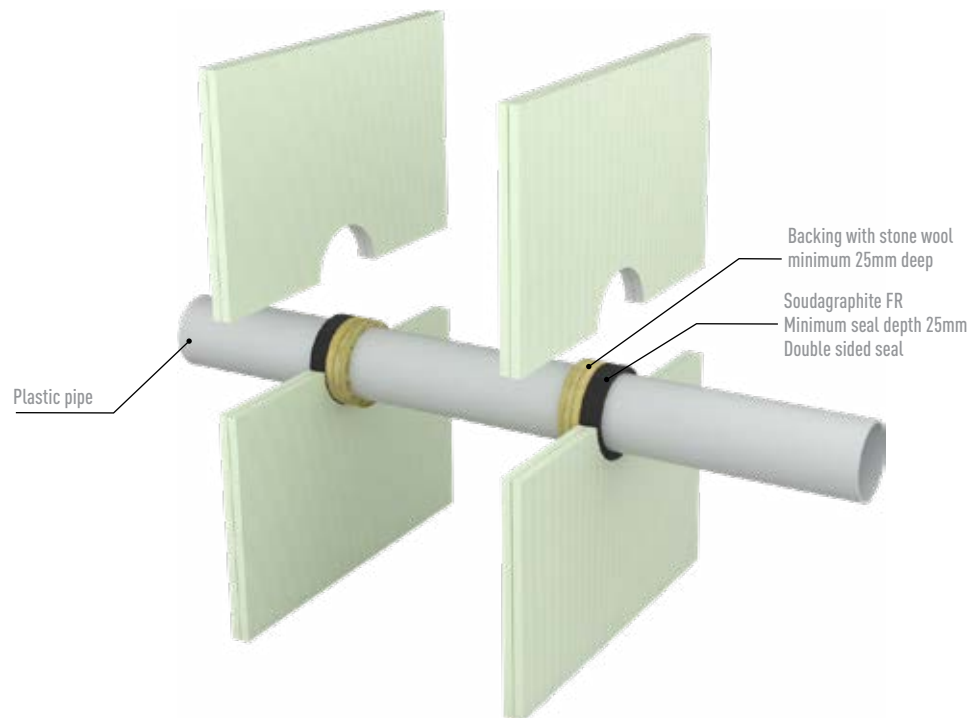
CERTIFICATION:

ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudagraphite FR & Stone wool

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



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PRODUCTS

Soudagraphite FR
Stone wool

APPLICATION

Fire stopping of plastic pipes in insulated flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe ≤ 110 mm diameter with wall thickness 1.9-6.6mm in seal widths between 10 and 30mm EI 120 U/C
- PE, ABS or SAN+PVC pipe ≤ 40 mm diameter with wall thickness 2.4-3.7mm in seal widths between 10 and 30mm EI 120 U/C
- PE, ABS or SAN+PVC pipe ≤ 110 mm diameter with wall thickness 2.4-4.2mm in seal widths between 10 and 30mm EI 60 U/C
- PE, ABS or SAN+PVC pipe ≤ 110 mm diameter with wall thickness 4.3-10.0mm in seal widths between 10 and 30mm EI 90 U/C & E 120 U/C
- Sound reduction (seal only) Rw 53dB

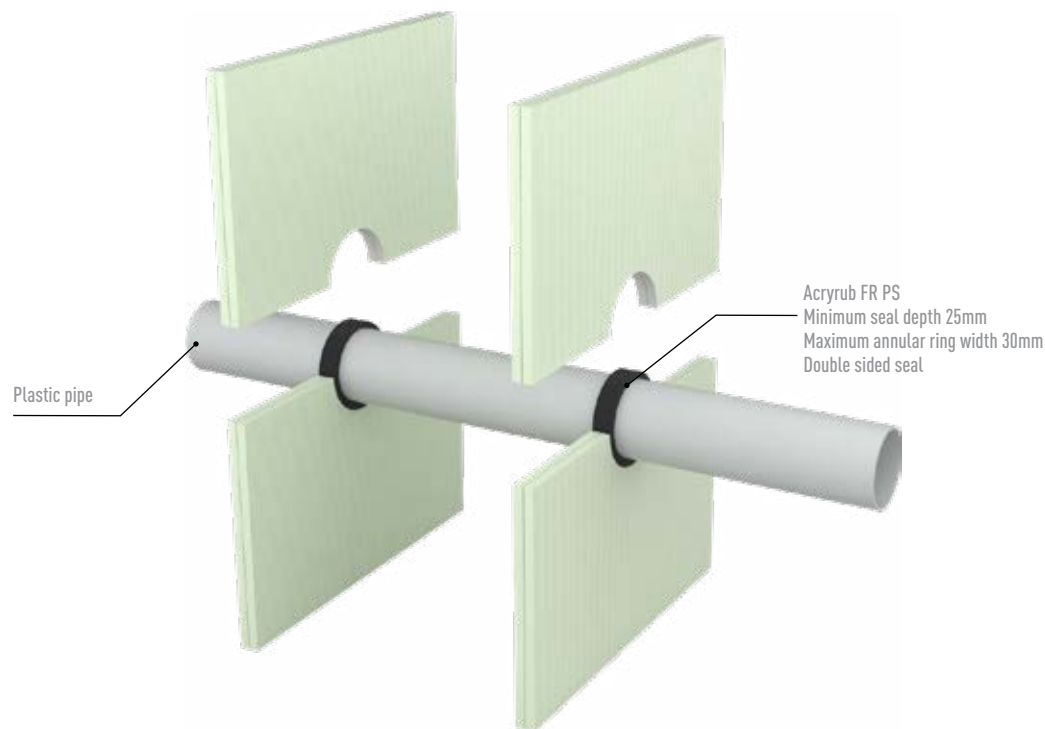
CERTIFICATION:

ETA 19/0410

INSTALLATION INSTRUCTIONS

Soudagraphite FR & Stone wool

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR
Stone wool

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C pipe ≤ 160 mm diameter with wall thickness 3.2-9.5mm in seal widths between 10 and 30mm EI 30 U/C
- PVC-U or PVC-C pipe ≤ 160 mm diameter with wall thickness 9.5mm in seal widths between 10 and 30mm EI 90 U/C
- PP pipe ≤ 110 mm diameter with wall thickness 1.8-6.3mm in seal widths between 10 and 30mm EI 60 U/C
- Sound reduction (seal only) Rw 53dB

CERTIFICATION:

ETA 19/0410



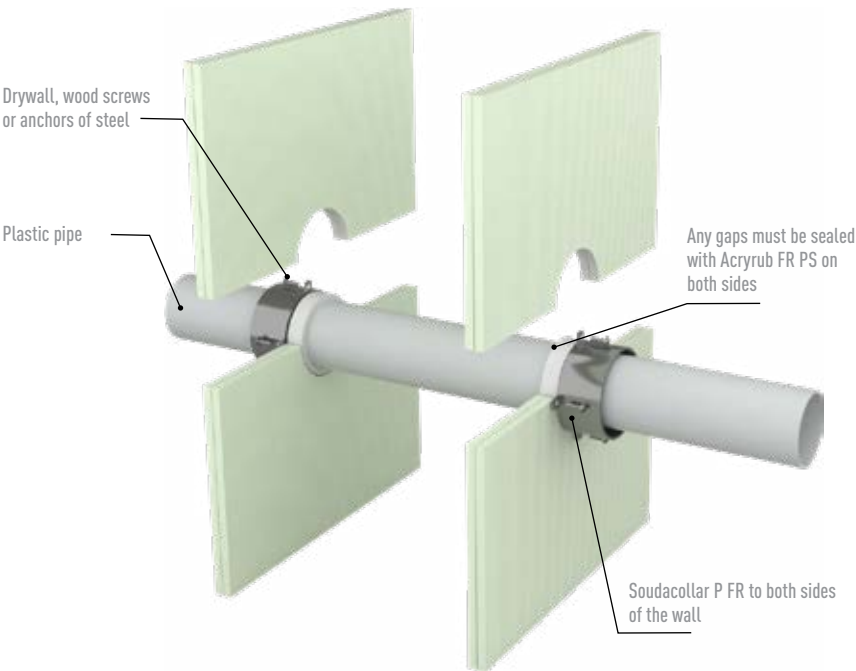
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 25mm deep Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4\text{mm}$ drywall, wood screws or anchors with a length suitable for the number of boards that form the wall.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 50\text{mm}$ PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110\text{mm}$ PVC-U & PVC-C	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 140\text{mm}$ PVC-U & PVC-C	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160\text{mm}$ PVC-U & PVC-C	60mm	EI 90 C/C, EI 90 U/C, EI 60 C/U, EI 60 U/U
$\varnothing 315 \times 9.2\text{mm}$ PVC-U & PVC-C	75mm	EI 60 C/C
$\leq \varnothing 50\text{mm}$ PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 50\text{mm}$ PE, ABS & SAN+PVC	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110\text{mm}$ PE, ABS & SAN+PVC	30mm	EI 60 C/C, EI 60 U/C
$\leq \varnothing 110\text{mm}$ PE, ABS & SAN+PVC	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 140\text{mm}$ PE, ABS & SAN+PVC	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\varnothing 160\text{mm}$ PE, ABS & SAN+PVC	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U
$\varnothing 200 \times 18.2\text{mm}$ PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\varnothing 250 \times 22.7\text{mm}$ PE, ABS & SAN+PVC	75mm	EI 60 C/C
$\leq \varnothing 50\text{mm}$ PP	30mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 110\text{mm}$ PP	30mm	EI 60 C/C, EI 60 U/C (E 90)
$\leq \varnothing 110\text{mm}$ PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 90)
$\leq \varnothing 160\text{mm}$ PP	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



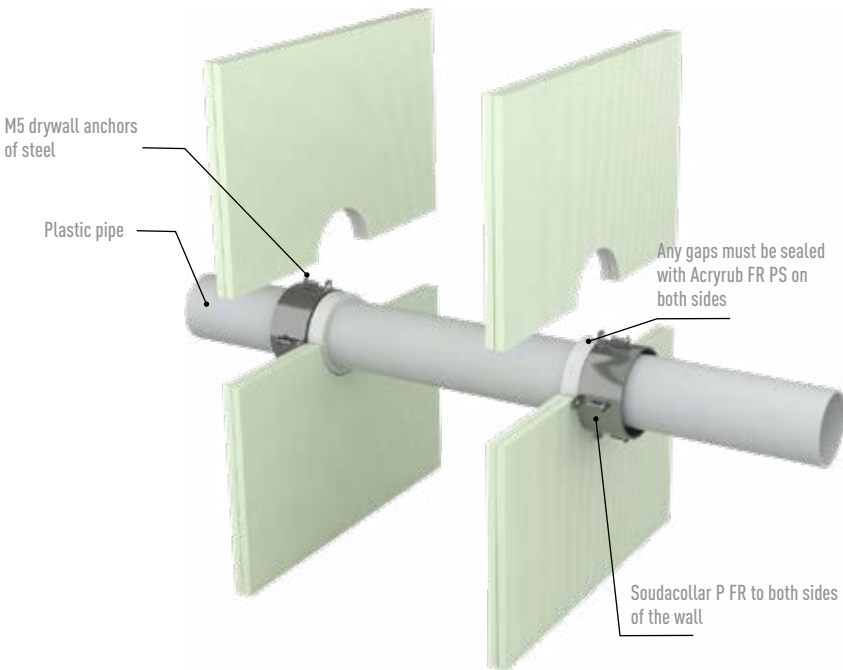
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 25mm deep Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with M5 drywall anchors with a length suitable for the number of boards that form the wall.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
≤ Ø110mm PVC-U & PVC-C	50mm	EI 120 C/C
≤ Ø160mm PVC-U & PVC-C	60mm	EI 120 C/C
≤ Ø50mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
≤ Ø110mm PE, ABS & SAN+PVC	50mm	EI 90 C/C (E 120)
Ø110x3.4mm PE, ABS & SAN+PVC	50mm	EI 120 C/C
≤ Ø160mm PE, ABS & SAN+PVC	60mm	EI 90 C/C
Ø160x9.5mm PE, ABS & SAN+PVC	60mm	EI 120 C/C
≤ Ø50mm PP	50mm	EI 120 C/C
≤ Ø110mm PP	50mm	EI 90 C/C (E 120)
≤ Ø140mm PP	60mm	EI 90 C/C (E 120)
Ø160mm PP	60mm	EI 120 C/C



PRODUCTS

Soudacollar P FR
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in 2 hour fire rated flexible walls

CONSTRUCTION

Minimum wall thickness of 120 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left. For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414



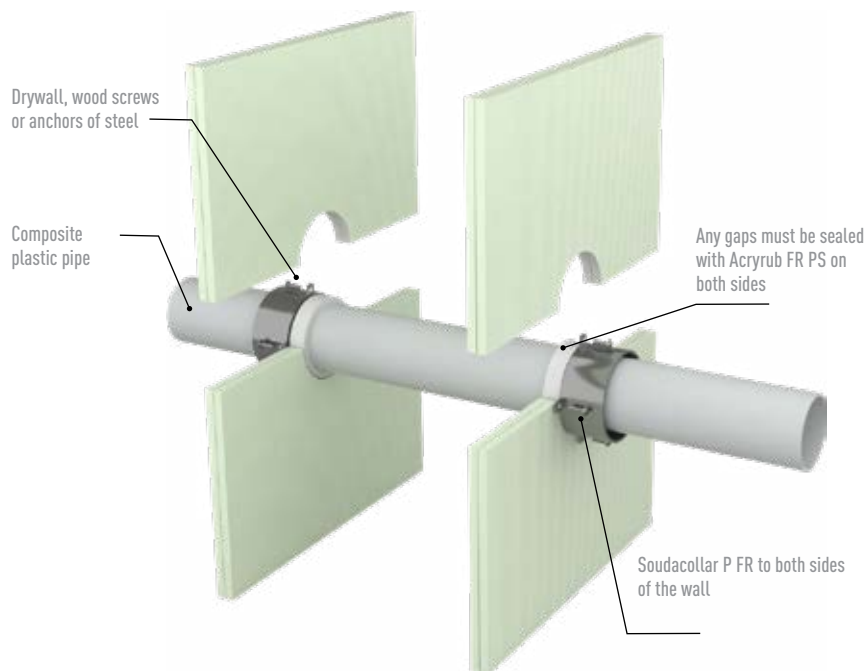
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INSTALLATION INSTRUCTIONS

Soudacollar P FR & Acryrub FR PS

1. Before fitting the collars ensure that the gaps between the pipe and the separating element are sealed with minimum 25mm deep Acryrub FR PS to cover the opening.
2. Place a suitable collar around the pipe and ensure that the collar shell and fixing lugs are positioned tightly to the surface of the wall, so that the fixings can be inserted fully.
3. Where the surface is uneven, apply a sealing bead of Acryrub FR PS between the wall and the collar shell.
4. Attach the collar with $\geq \varnothing 4\text{mm}$ drywall, wood screws or anchors with a length suitable for the number of boards that form the wall.

Apertures with minimum 8mm annular width around services



Services	Min. Collar Height	Classification
$\leq \varnothing 32\text{mm}$ Aquatherm Green SDR9	30mm	EI 120 C/C
$\leq \varnothing 50\text{mm}$ Aquatherm Green SDR9	50mm	EI 120 C/C
$\leq \varnothing 110\text{mm}$ Aquatherm Green SDR9	50mm	EI 60 C/C (E 120)
$\leq \varnothing 50\text{mm}$ BluePower	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110\text{mm}$ BluePower	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U (E 120)
$\varnothing 125\text{mm}$ BluePower	60mm	EI 60 C/C, EI 60 U/C, EI 60 C/U
$\varnothing 160\text{mm}$ BluePower	60mm	EI 90 C/C, EI 90 U/C, EI 90 C/U
$\leq \varnothing 50\text{mm}$ Geberit Silent-PP	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110\text{mm}$ Geberit Silent-PP	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 50\text{mm}$ Polo-Kal NG pipes	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110\text{mm}$ Polo-Kal NG pipes	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\varnothing 125\text{mm}$ Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C (E 120 C/U, E 120 U/U)
$\varnothing 160\text{mm}$ Polo-Kal NG pipes	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50\text{mm}$ Rehau Raupiano Plus	50mm	EI 90 C/C, EI 90 U/C, EI 90 C/U, EI 90 U/U (E 120)
$\leq \varnothing 110\text{mm}$ Rehau Raupiano Plus	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)
$\leq \varnothing 160\text{mm}$ Rehau Raupiano Plus	60mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 50\text{mm}$ Wavin SiTech	50mm	EI 120 C/C, EI 120 U/C, EI 120 C/U, EI 120 U/U
$\leq \varnothing 110\text{mm}$ Wavin SiTech	50mm	EI 60 C/C, EI 60 U/C, EI 60 C/U, EI 60 U/U (E 120)



PRODUCTS

Soudacollar P FR

Acryrub FR PS

APPLICATION

Fire stopping of composite plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
For full specifications, please refer to the Installation Instructions.
- Sound reduction (seal only)
Rw 58dB

CERTIFICATION:

ETA 19/0412 & ETA 19/0414

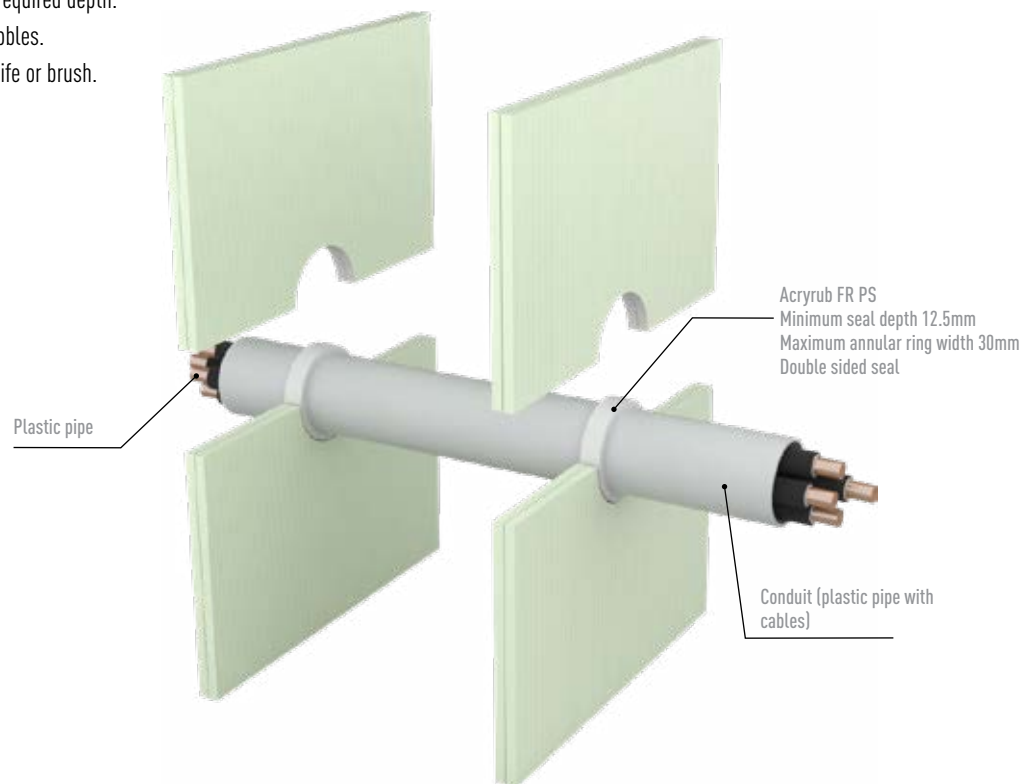


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INSTALLATION INSTRUCTIONS

Acryrub FR PS

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
6. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS

APPLICATION

Fire stopping of conduits in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C conduit/pipe $\leq \varnothing 32\text{mm}$ with wall thickness 1.0 – 1.8mm
EI 45 U/C & E 60 U/C
- PE, ABS or SAN+PVC conduit/pipe $\leq \varnothing 32\text{mm}$ with wall thickness 2.0 – 3.0mm
EI 30 U/C & E 45 U/C
- PP conduit/pipe $\leq \varnothing 32\text{mm}$ with wall thickness 2.3 – 4.4mm
EI 30 U/C & E 45 U/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414

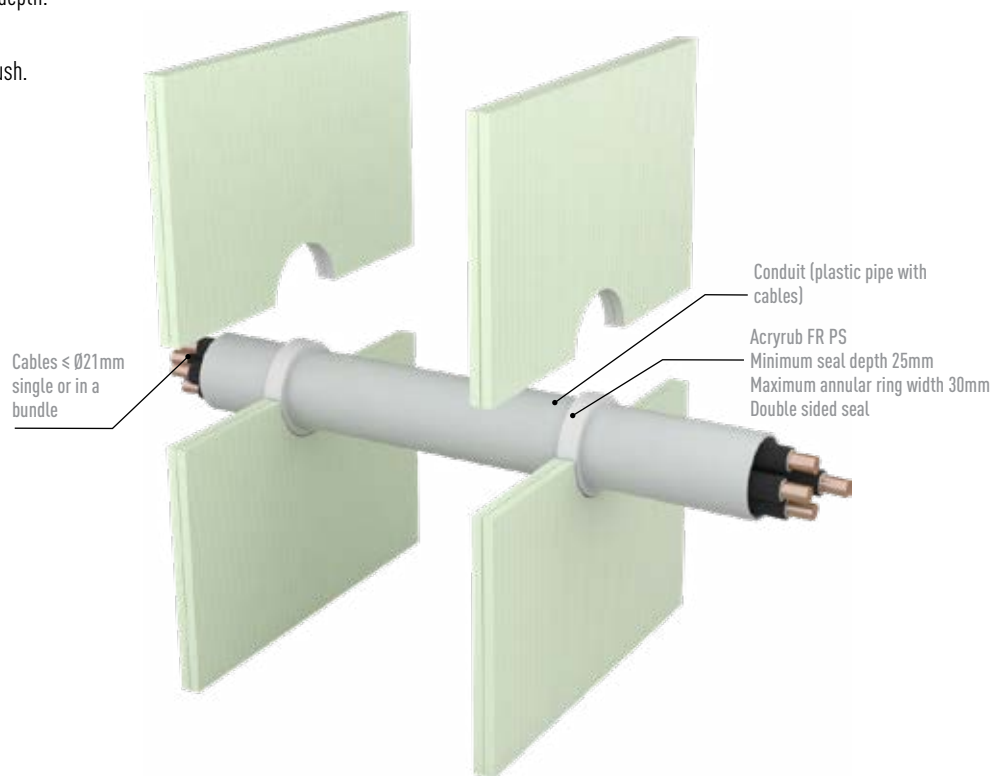


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INSTALLATION INSTRUCTIONS

Acryrub FR PS & Soudatransit P

1. Before installing Acryrub FR PS ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Where Acryrub FR PS is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Soudal for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.
3. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or Acryrub FR PS diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.
4. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
5. Fill the gap or joint with Acryrub FR PS to the required depth.
Finish the bead with a moist spatula, pallet knife or brush.
7. Acryrub FR PS can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Acryrub FR PS
Soudatransit P

APPLICATION

Fire stopping of conduits in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PVC-U or PVC-C conduit/pipe ≤ Ø40mm with wall thickness 1.0 – 1.9mm
EI 120 U/C & E 120 U/C
- PE, ABS or SAN+PVC conduit/pipe ≤ Ø40mm with wall thickness 2.0 – 3.0mm
EI 90 U/C & E 90 U/C
- PP conduit/pipe ≤ Ø40mm with wall thickness 1.8 – 2.2mm
EI 90 U/C & E 90 U/C
- Sound reduction (seal only)
Rw 62dB

CERTIFICATION:

ETA 19/0414 & ETA 19/0407

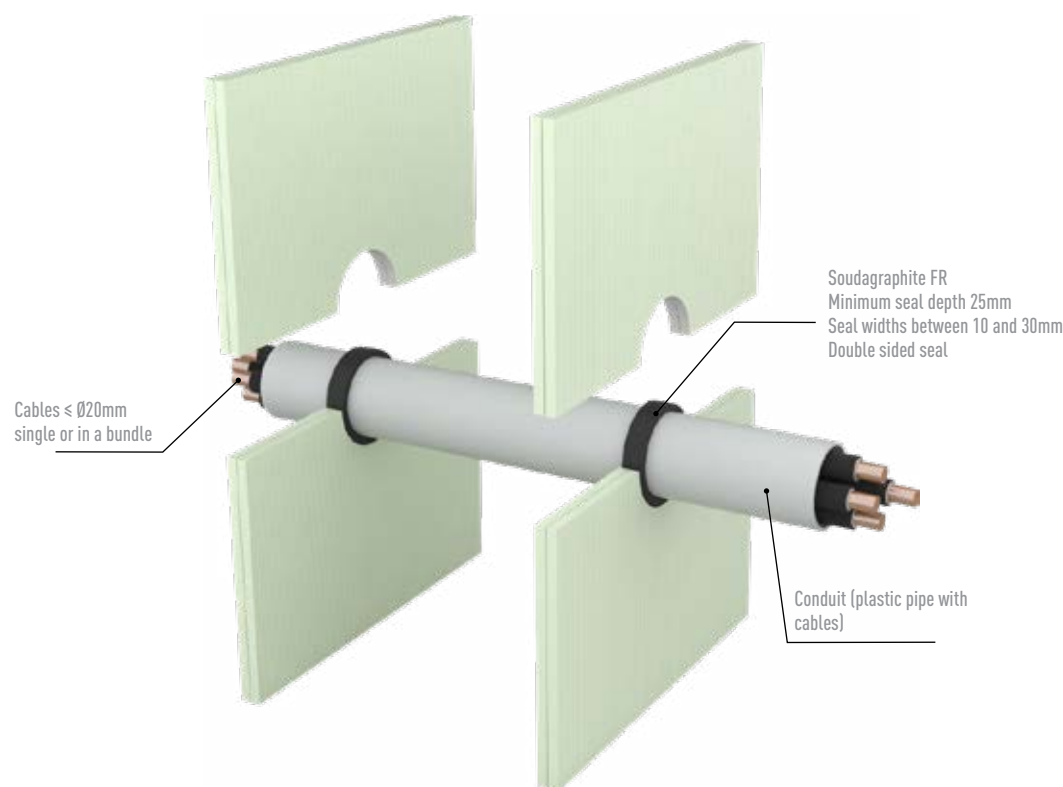


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INSTALLATION INSTRUCTIONS

Soudagraphite FR & Soudatransit P

1. Before installing Soudagraphite FR ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.
3. Fill the gap or joint with Soudagraphite FR to the required depth.
4. Apply the sealant generously avoiding air bubbles. Finish the bead with a moist spatula or pallet knife. Avoid excessive tooling/smoothing as this may make the seal surface wet and soft.
5. Soudagraphite FR can be over-painted with most emulsion or alkyd (gloss) paints.



PRODUCTS

Soudagraphite FR
Soudatransit P

APPLICATION

Fire stopping of conduits in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards

FIRE & SOUND CLASSIFICATION

- PE, ABS or SAN+PVC conduit/pipe
≤ Ø110mm with wall thickness
2.4 - 10.0mm
EI 60 U/C
- PP conduit/pipe ≤ Ø110mm with wall
thickness 2.7 - 6.6mm
EI 90 U/C
- PVC-U or PVC-C conduit/pipe
≤ Ø110mm with wall thickness
1.9 - 6.6mm
EI 90 U/C
- Sound reduction (seal only)
Rw 53dB

CERTIFICATION:

ETA 19/0414 & ETA 19/0407



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Service penetration solutions in larger apertures

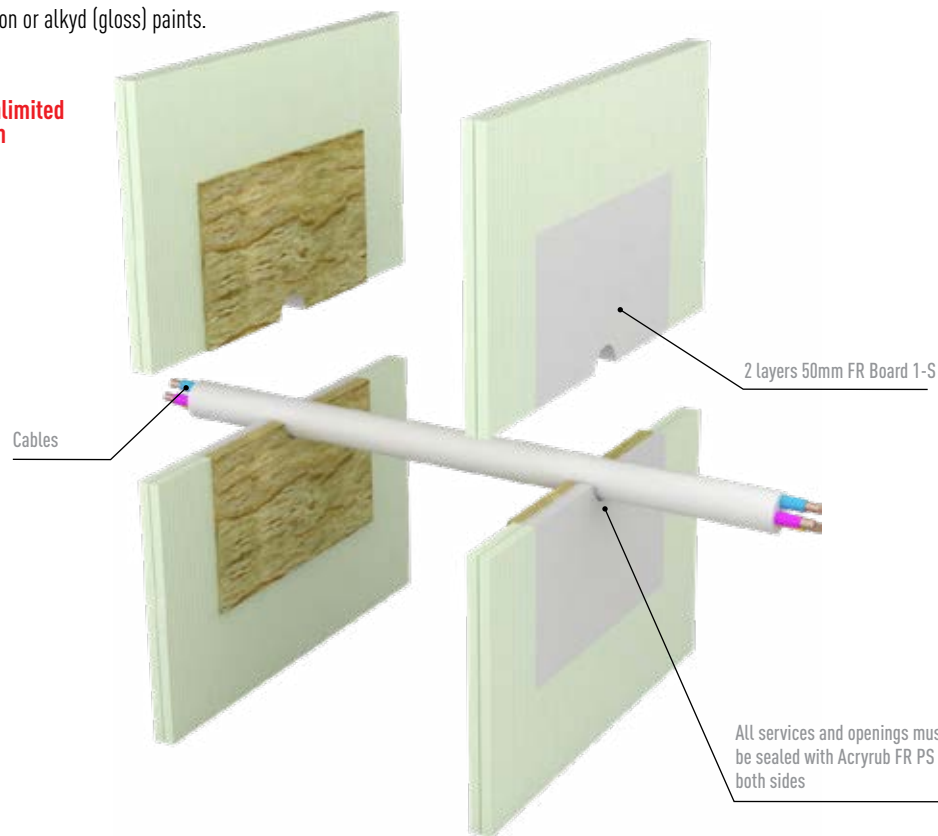
Appendix III

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of cables in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Fire & Sound classification
Cables $\leq \varnothing 21\text{mm}$
EI 60 & E 120
- Sound reduction (seal only)
52 dB

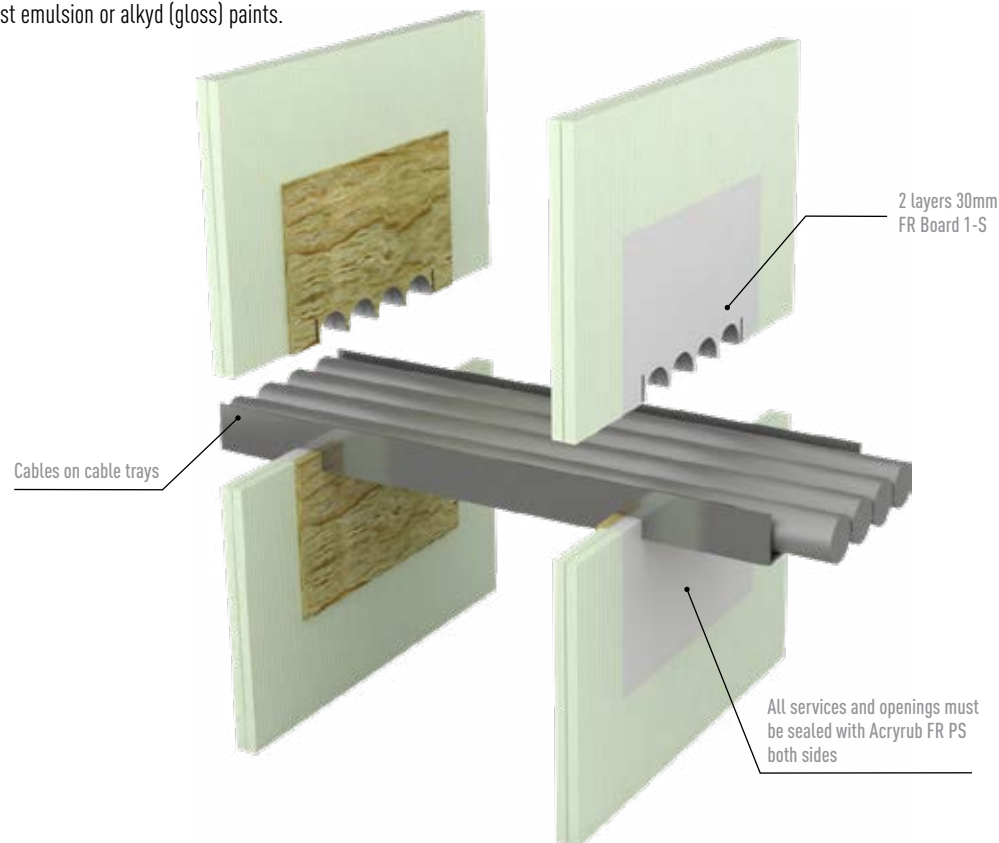
CERTIFICATION:

ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of cables on cable trays in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21$ mm single or bundled on trays
EI 45 & E 45
- Cables $\leq \varnothing 80$ mm single or bundled on trays
EI 30 & E 45
- Sound reduction (seal only)
52 dB

CERTIFICATION:

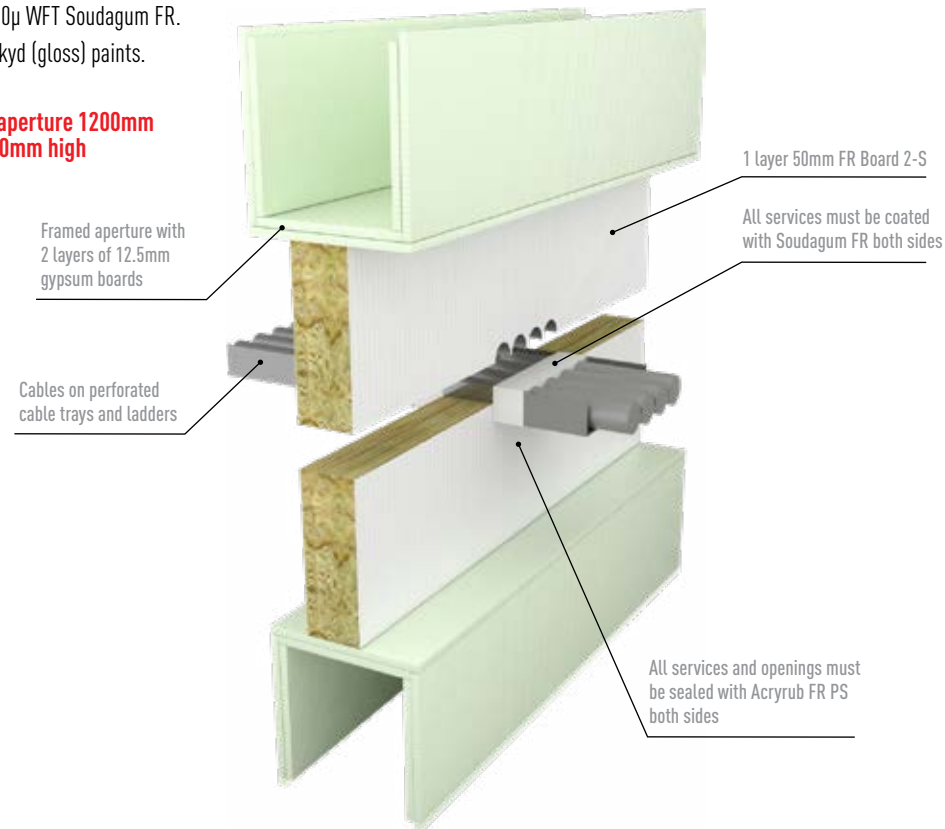
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudagum FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. All cables and cable trays must be coated 150mm each side with 300 μ WFT Soudagum FR.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 1200mm wide by 600mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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packshot



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudagum FR

APPLICATION

Fire stopping of cables on cable trays in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- Cables $\leq$ Ø80mm single or bundled on perforated cable trays and ladders
EI 60 & E 60
- Sound reduction (seal only)
29 dB

CERTIFICATION:

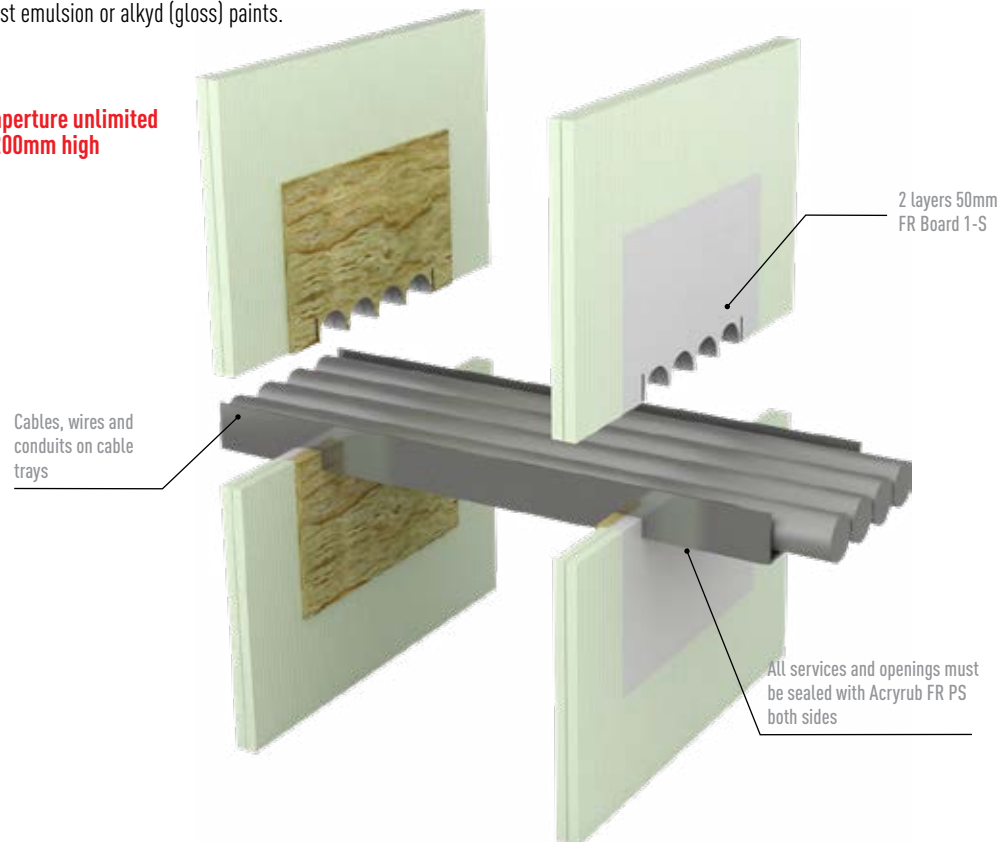
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of cables, wires and conduits on cable trays in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 80\text{mm}$ single or bundled, wires 185mm² and steel or PVC conduits $\leq \varnothing 16\text{mm}$ on trays
EI 60 & E 60
- Sound reduction (seal only)
52 dB

CERTIFICATION:

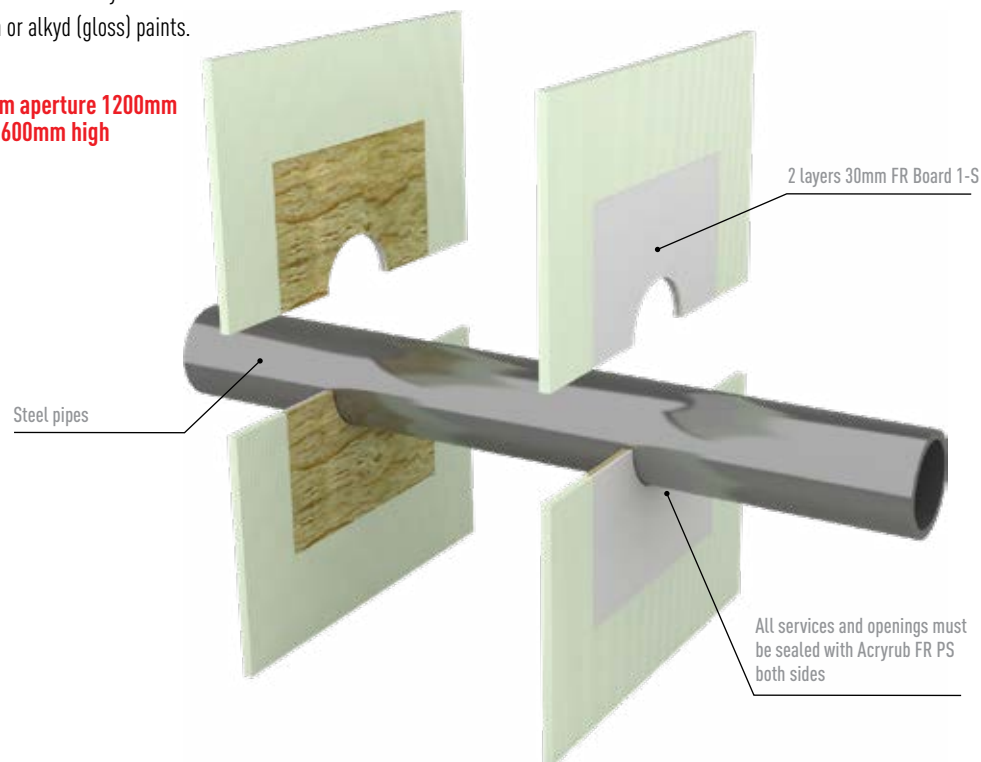
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudagum FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 1200mm wide by 600mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudagum FR

APPLICATION

Fire stopping of un-insulated steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 22\text{mm}$
EI 30 C/U & E 45 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

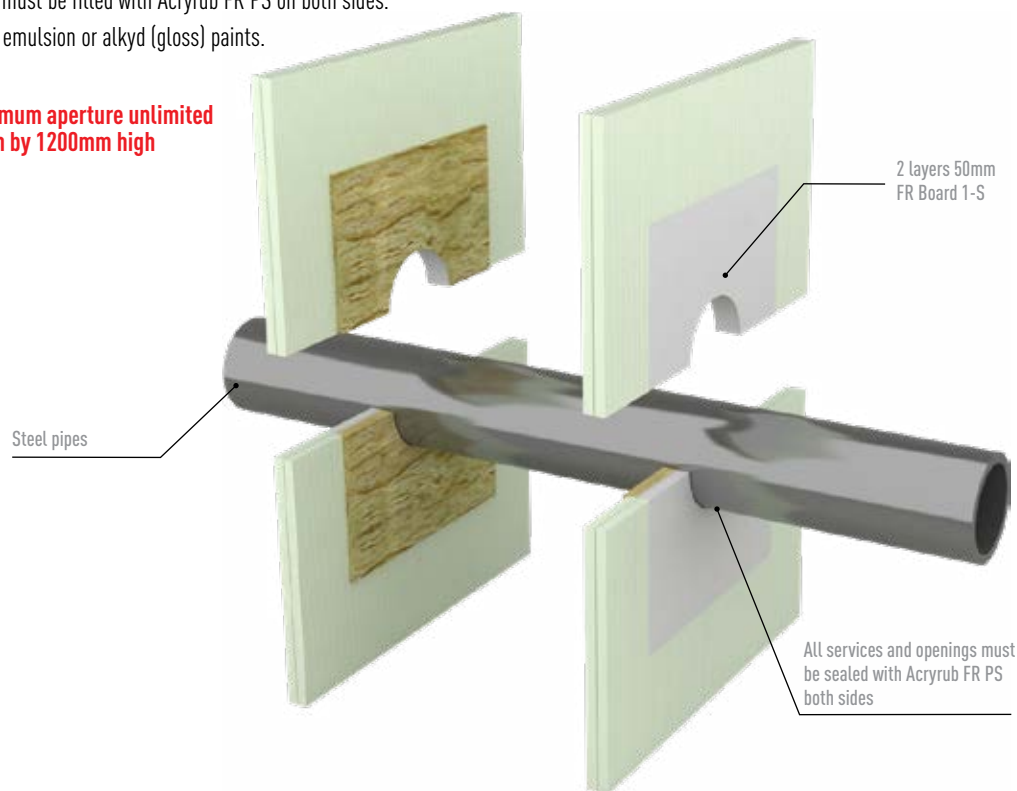
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkylid (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of un-insulated steel pipes in
flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 22\text{mm}$
EI 60 C/U & E 120 C/U
- Steel pipes $\leq \varnothing 114\text{mm}$
EI 20 C/U & E 90 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

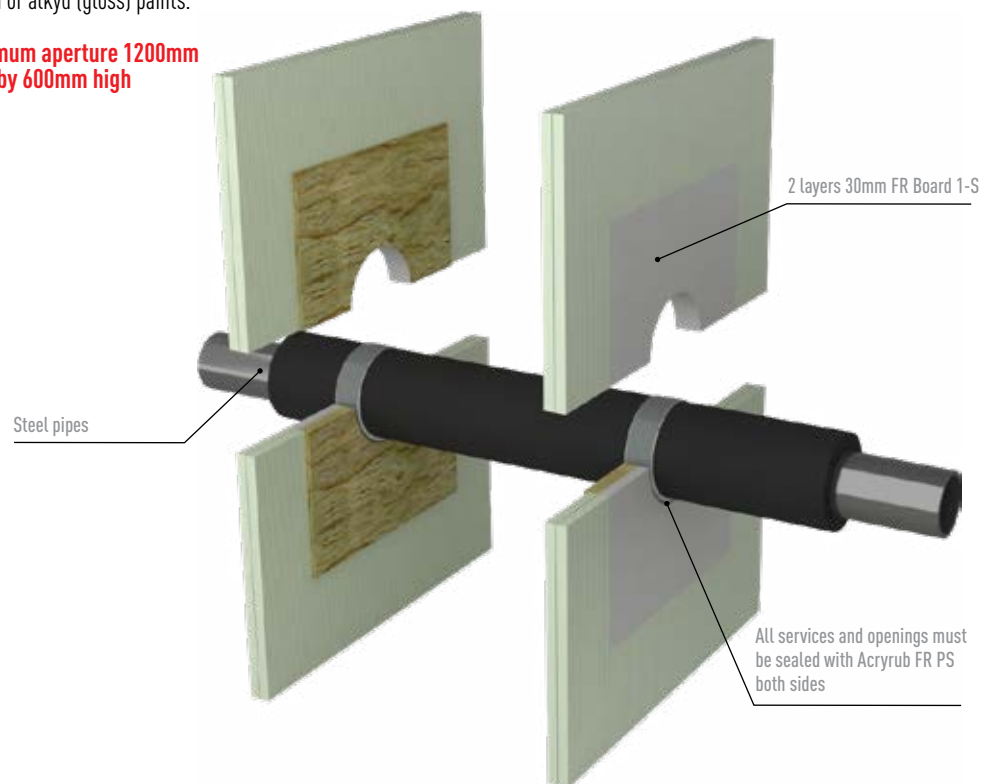
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 1200mm wide by 600mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with 13mm continuous foam insulation and 2 layers of pipe wrap
EI 120 U/U & E 120 U/U
- Steel pipes $\leq \varnothing 165\text{mm}$ with 13 - 32mm continuous foam insulation and 2 layers of pipe wrap
EI 60 U/U & E 120 U/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with 32 - 50mm continuous foam insulation and 3 layers of pipe wrap
EI 90 C/U & E 90 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

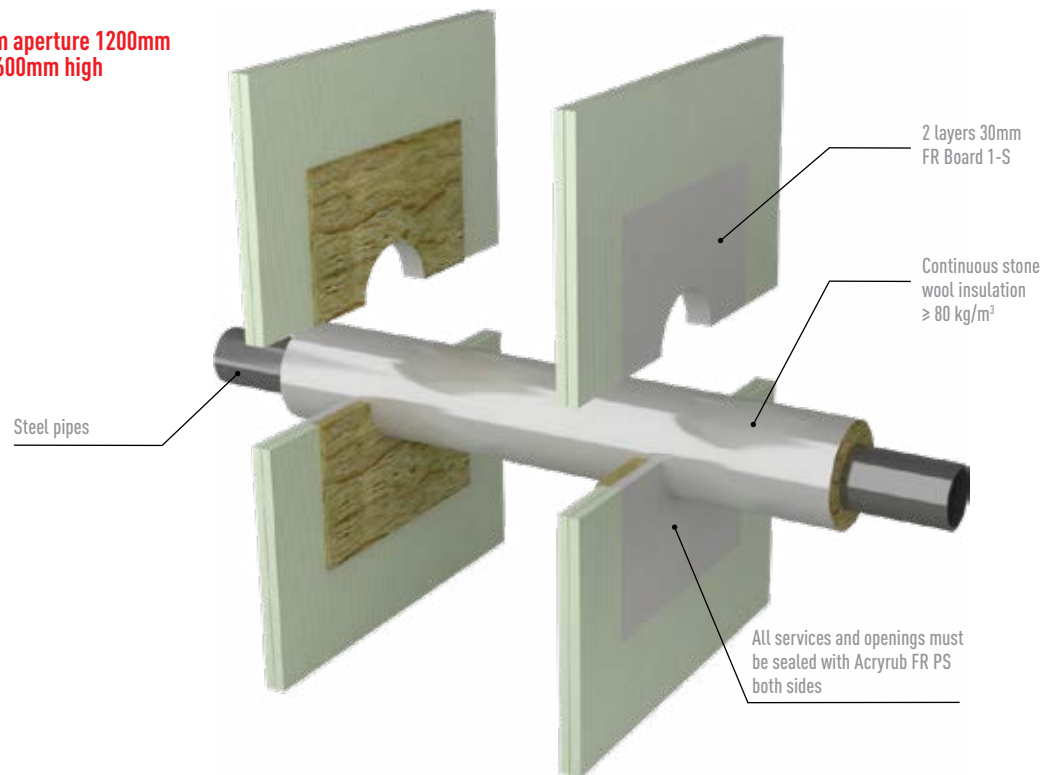
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture 1200mm
wide by 600mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro

Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 324\text{mm}$ with 20-30mm continuous stone wool insulation
EI 45 C/U & E 45 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

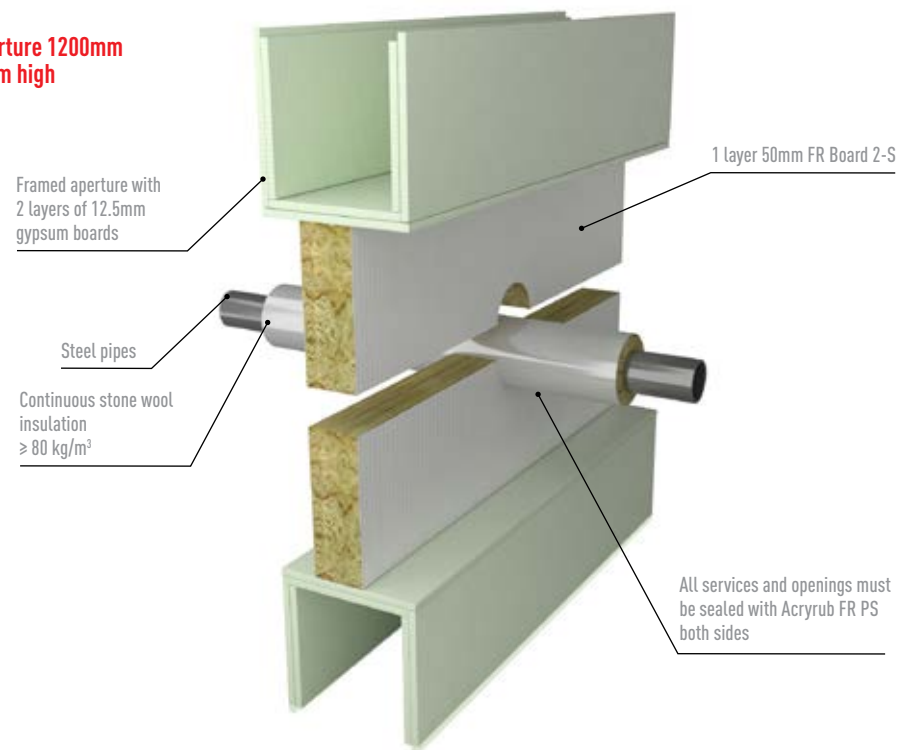
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture 1200mm
wide by 600mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in
flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 324$ mm with 20-30mm
continuous stone wool insulation
EI 60 C/U & E 90 C/U
- Sound reduction (seal only)
29 dB

CERTIFICATION:

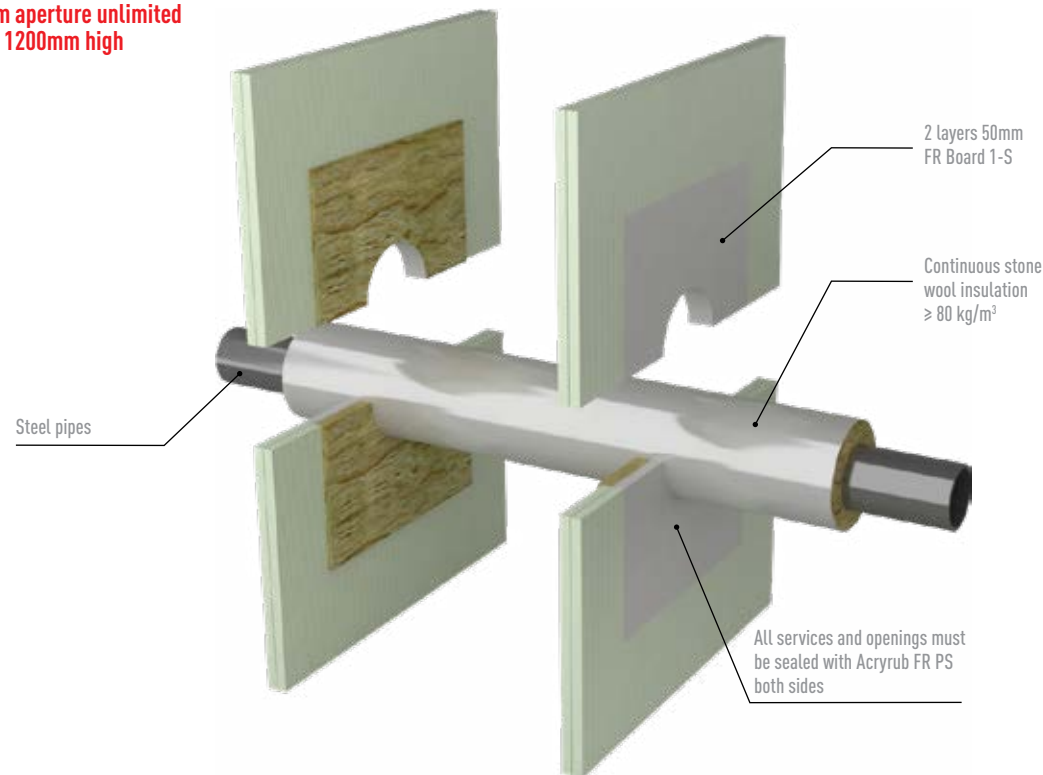
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in
flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and
comprise steel studs or timber studs* lined
on both faces with minimum 2 layers of 12.5
mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø324mm with 20-80mm
continuous stone wool insulation
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

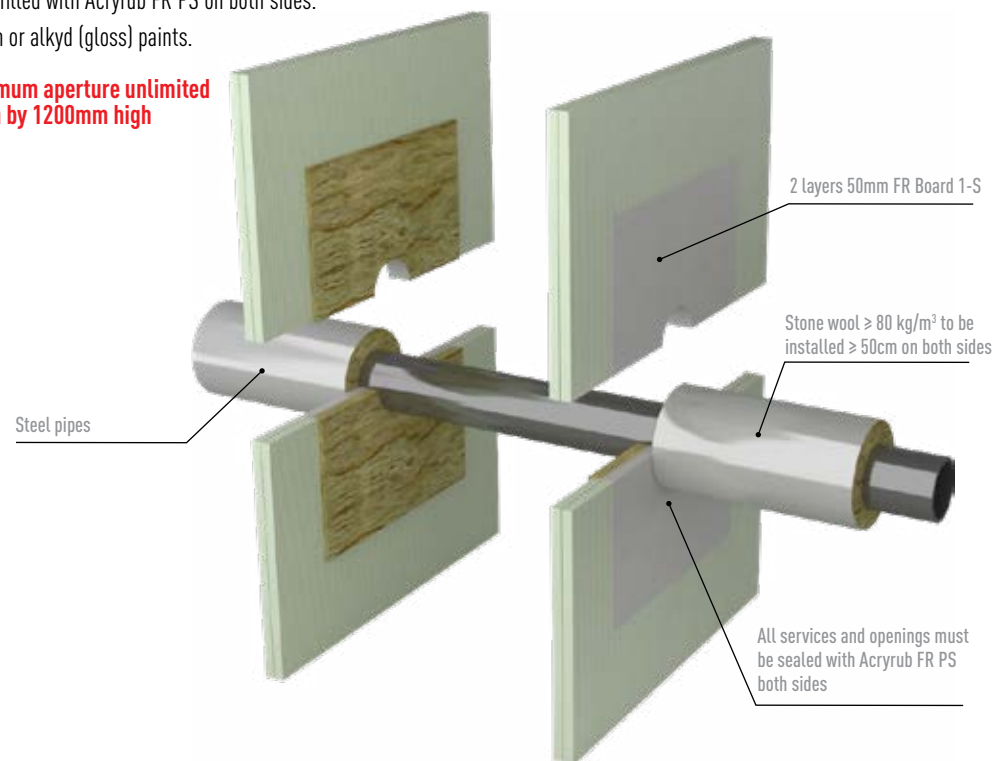
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 120 C/U & E 120 C/U
- Steel pipes $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation
EI 90 C/U & E 120 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

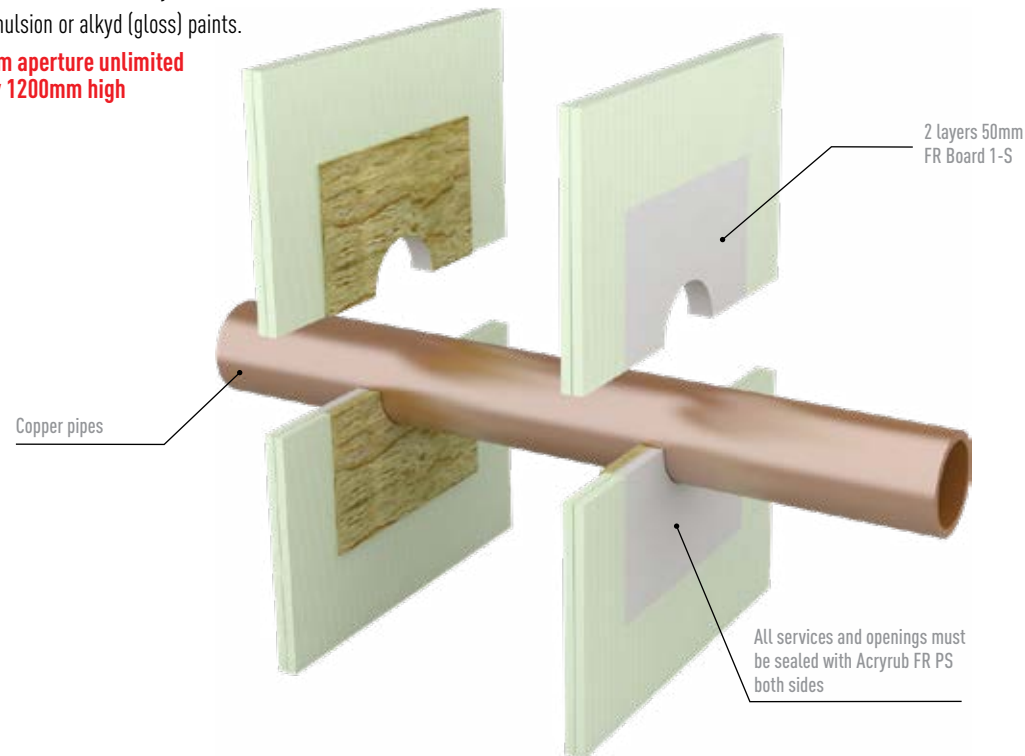
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkylid (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 6\text{mm}$
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

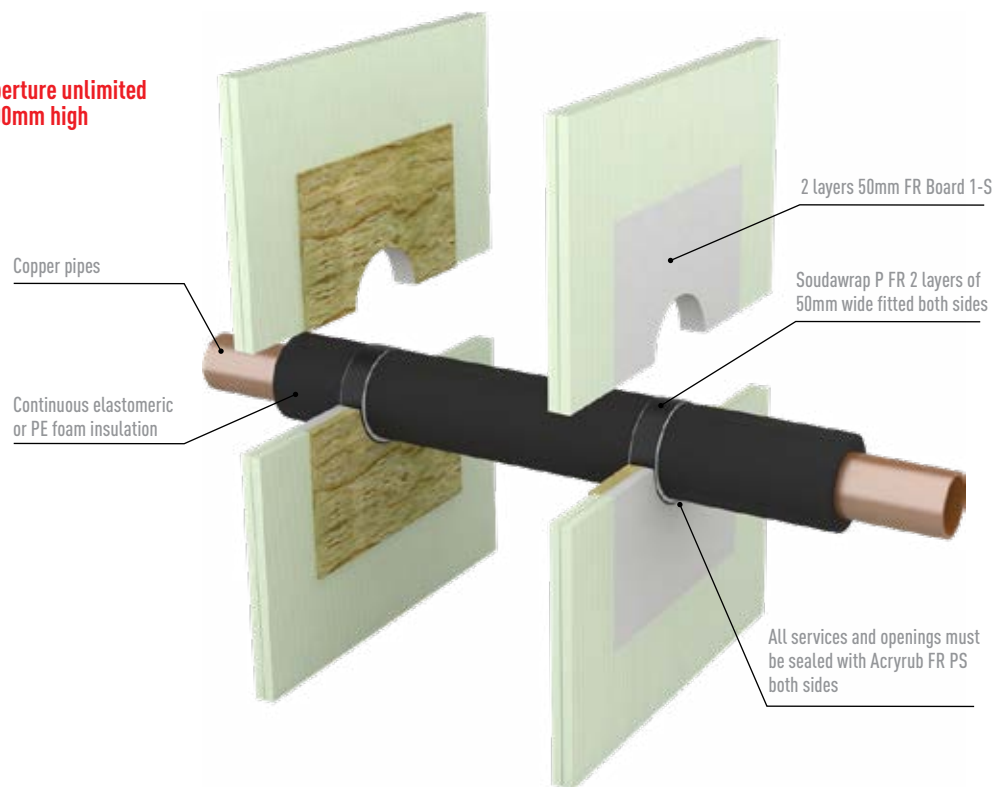
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 12\text{mm}$ with 9mm continuous foam insulation
EI 120 C/C & E 120 C/C
- Copper pipes $\leq \varnothing 54\text{mm}$ with 9 - 13mm continuous foam insulation
EI 90 C/C & E 120 C/C
- Copper pipes $\leq \varnothing 54\text{mm}$ with 14 - 25mm continuous foam insulation
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

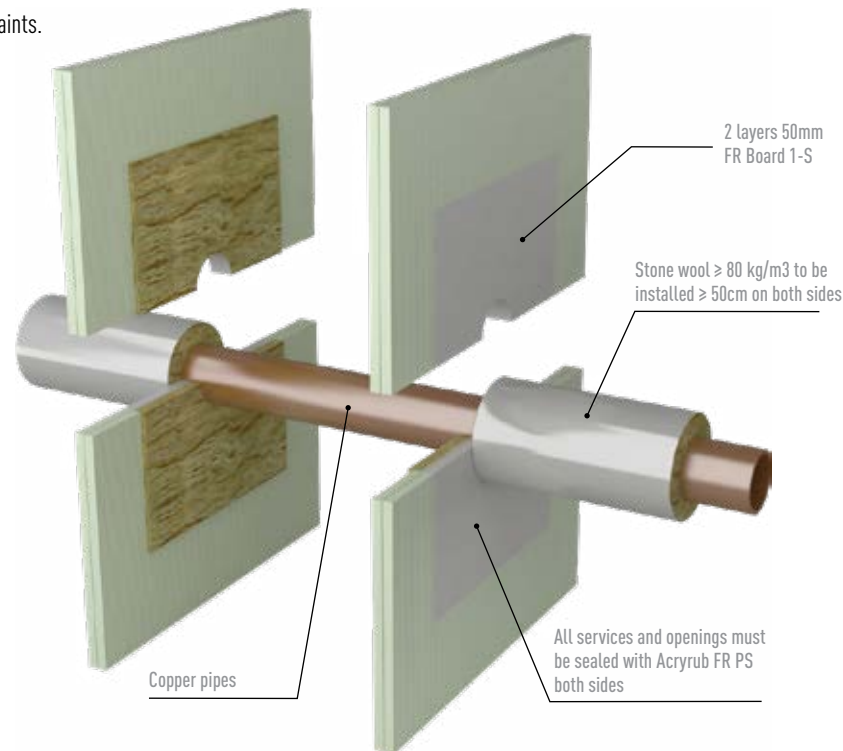
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated copper pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

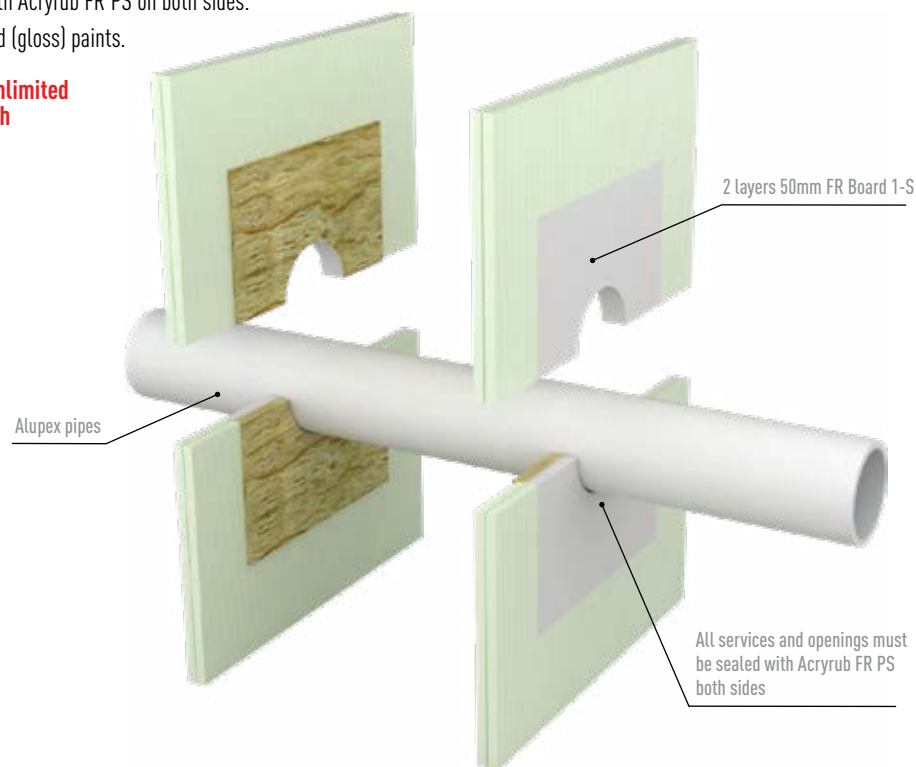
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of un-insulated alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 20\text{mm}$
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

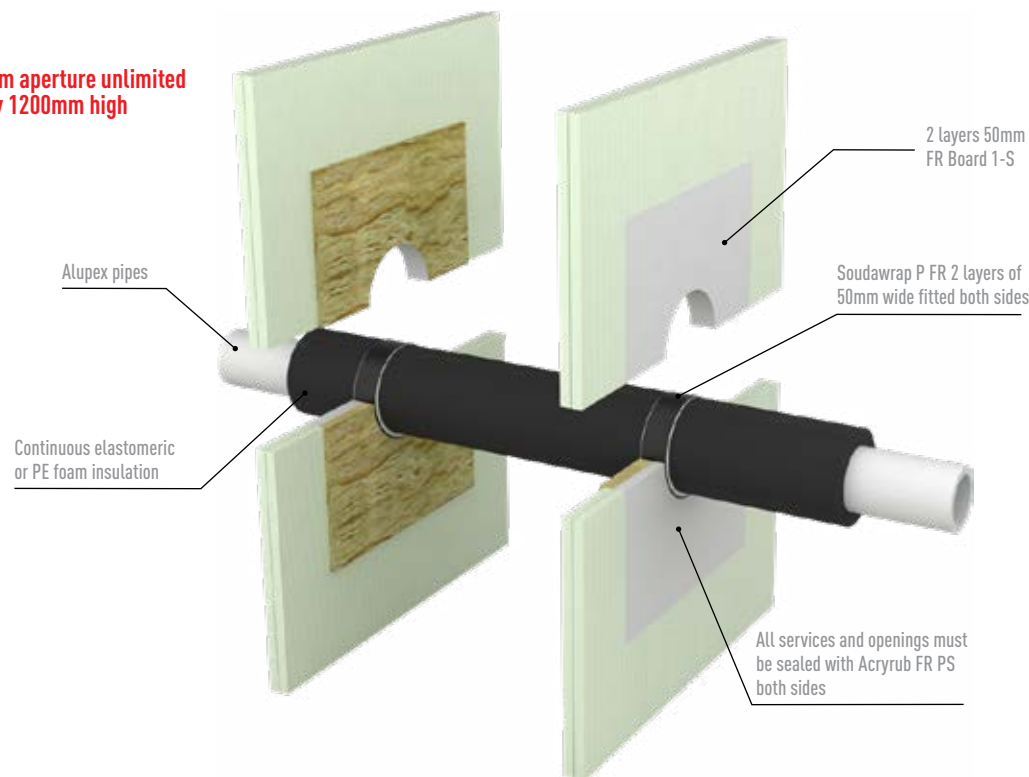
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 75\text{mm}$ with 9 - 25mm continuous foam insulation
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

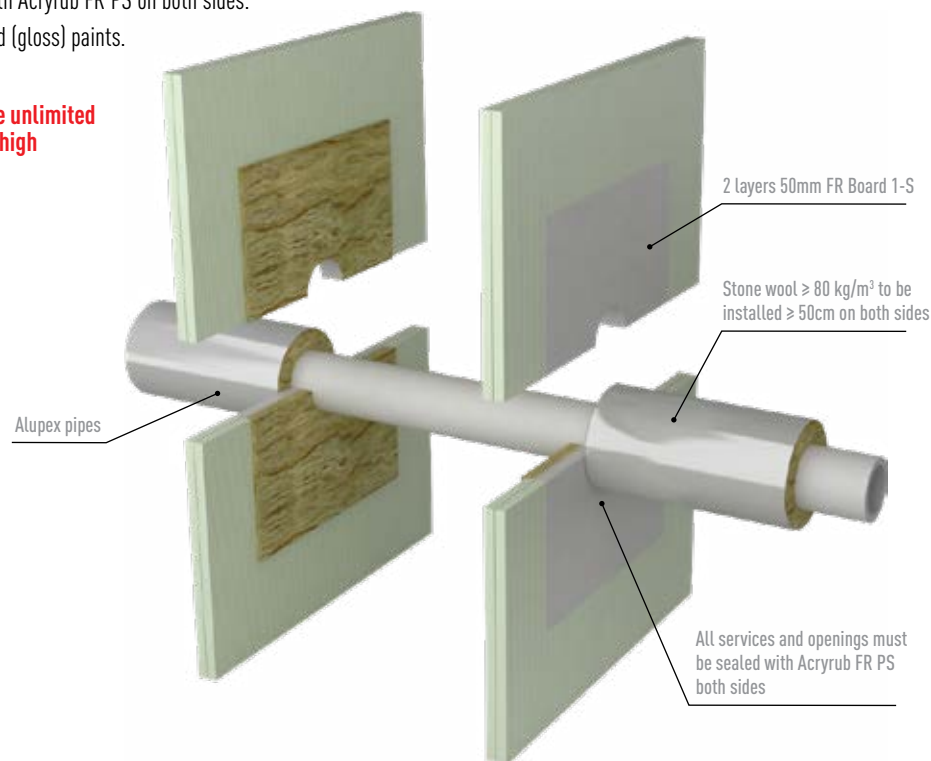
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 16\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 120 C/C & E 120 C/C
- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

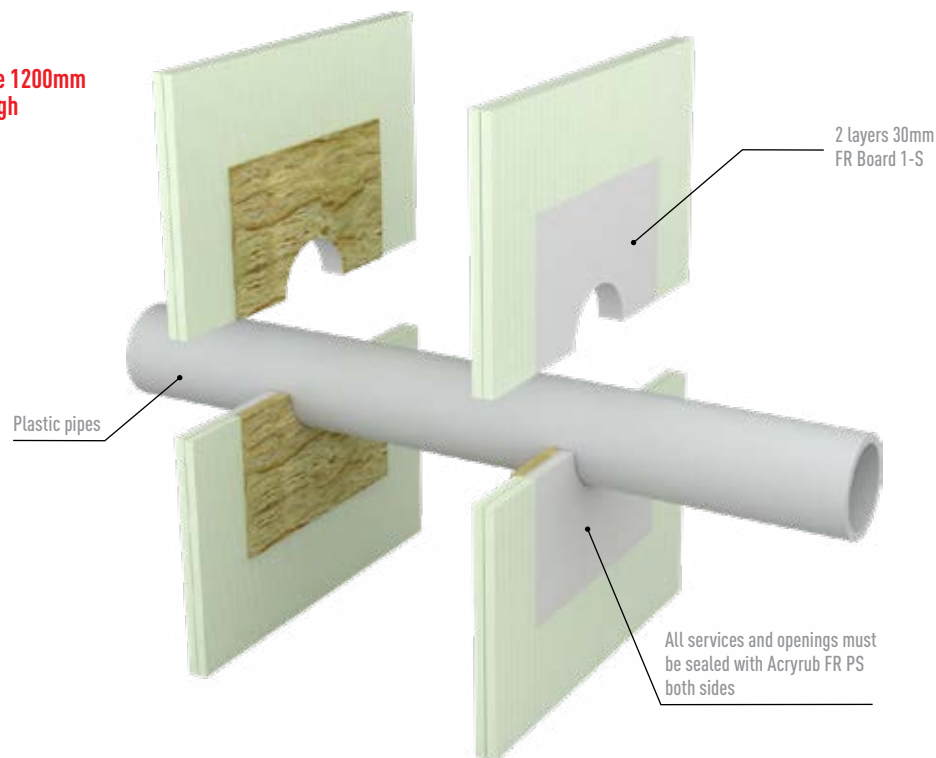
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture 1200mm
wide by 600mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- PVC-U and PVC-C pipes $\leq \varnothing 32\text{mm}$ with wall thickness 1.0-1.8mm
EI 45 U/C & E 45 U/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

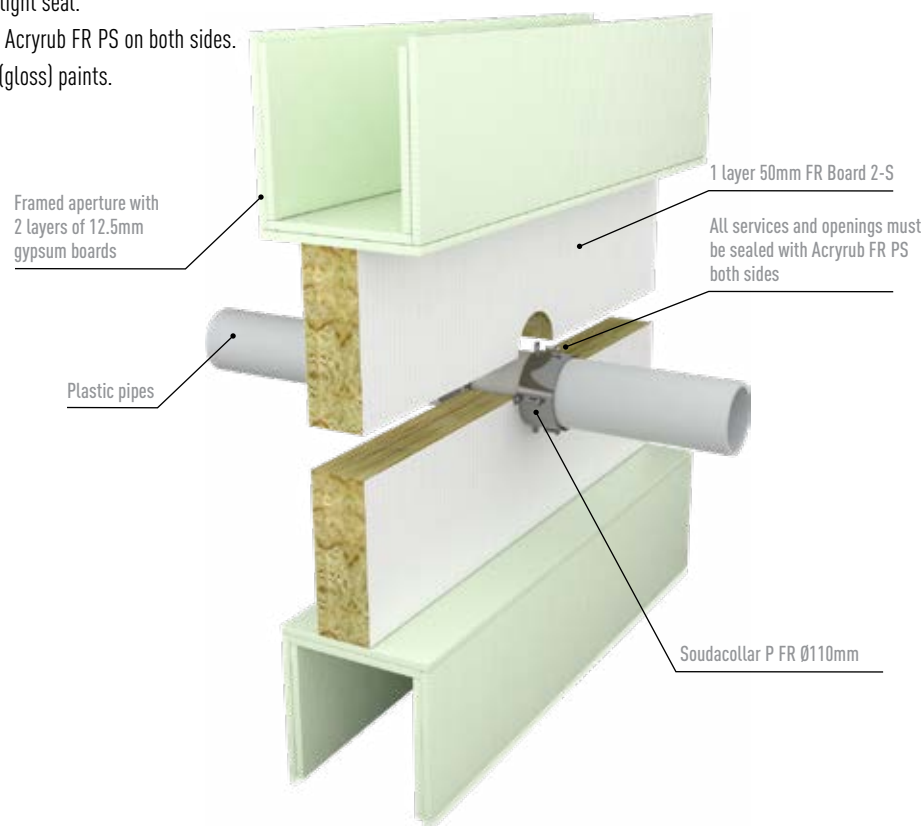
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the drywall on both sides.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture 1200mm
wide by 600mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudacollar P FR

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- PVC-U and PVC-C pipes $\leq \text{Ø}110\text{mm}$
EI 60 U/C & E 90 U/C
- Sound reduction (seal only)
29 dB

CERTIFICATION:

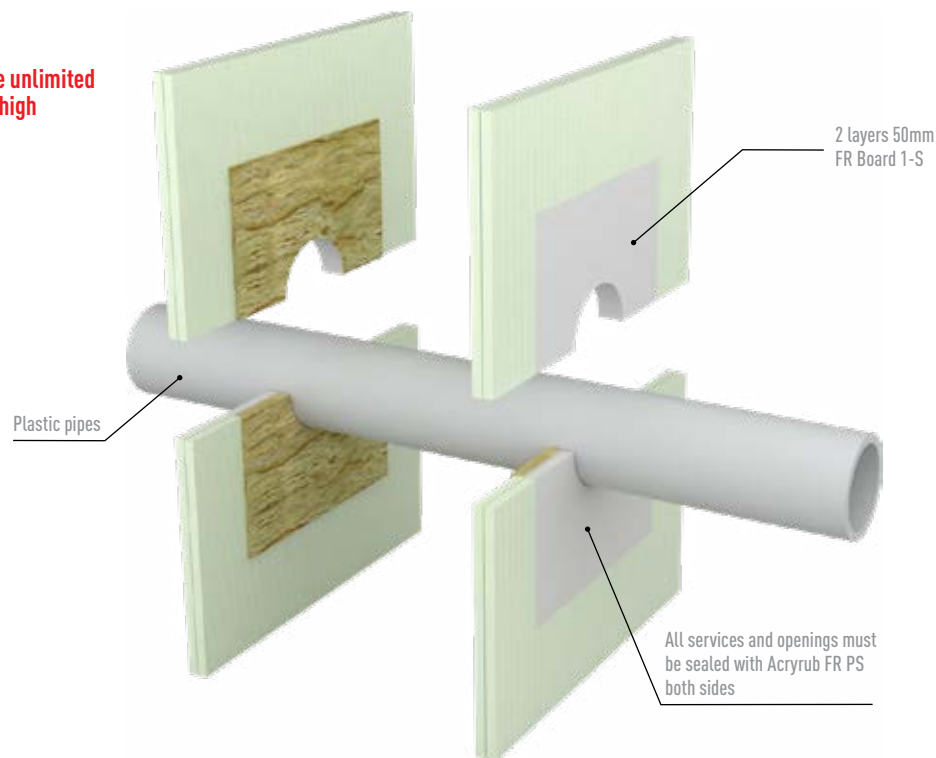
ETA 19/0409 & ETA 19/0414 & ETA 19/0412

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high

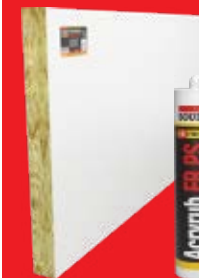


Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipe $\leq \varnothing 25\text{mm}$
EI 90 C/C & E 90 C/C
- PVC-U and PVC-C pipes $\leq \varnothing 32\text{mm}$ with wall thickness 1.0-2.4mm
EI 60 U/C & E 90 U/C
- PE, ABS and SAN+PVC pipes $\leq \varnothing 32\text{mm}$ with wall thickness 2.0-3.0mm
EI 60 U/C & E 60 U/C
- PP pipes $\leq \varnothing 32\text{mm}$ with wall thickness 1.8-2.2mm
EI 60 U/C & E 120 U/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

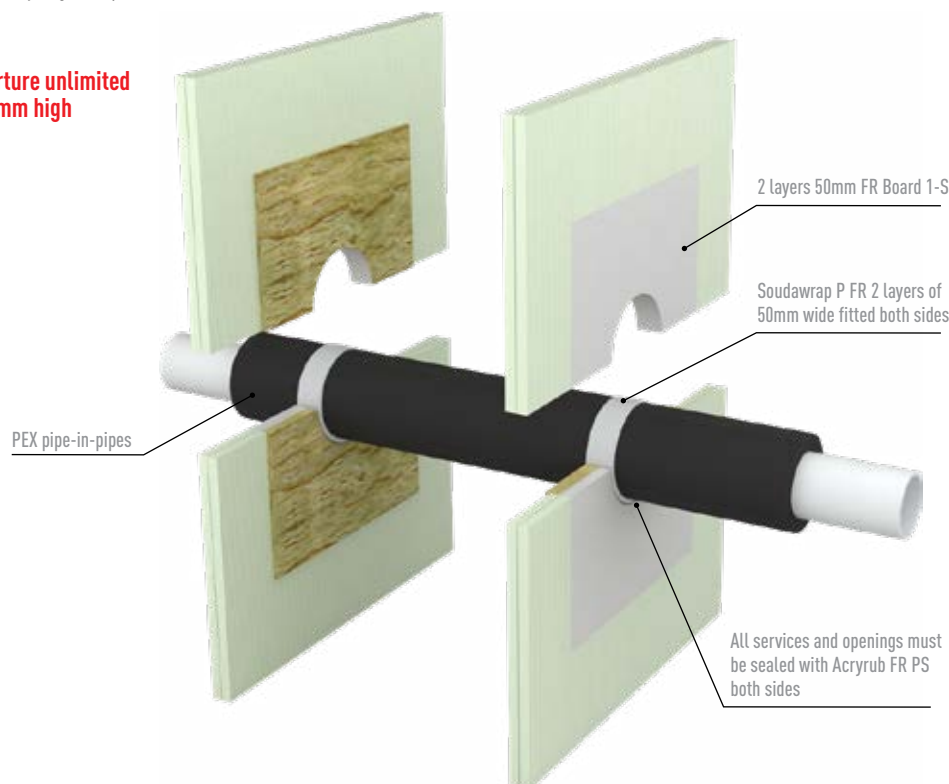
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro

Acryrub FR PS

Soudawrap P FR

APPLICATION

Fire stopping of insulated alupex pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 16\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 120 C/C & E 120 C/C
- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 60 C/C & E 60 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

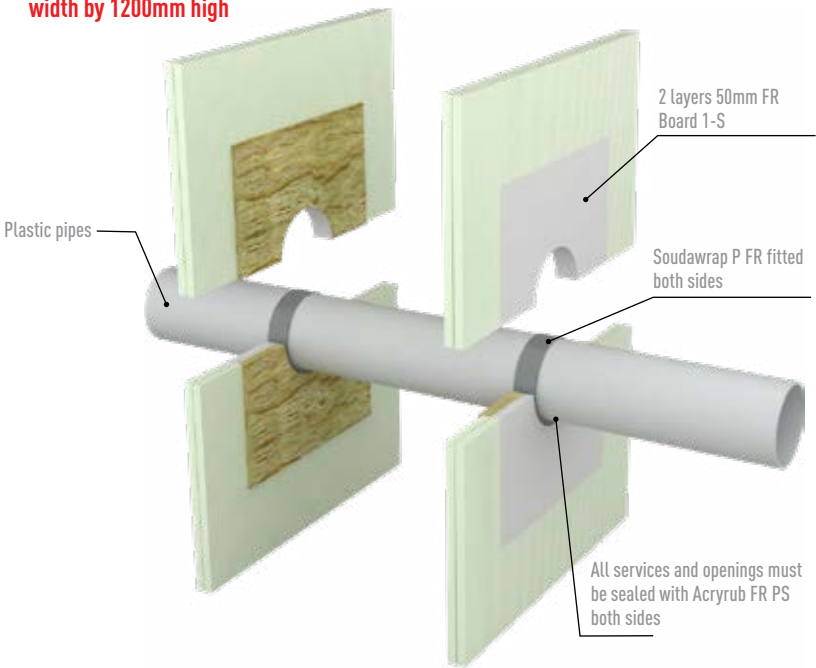
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Services	Pipe Wall Thickness	FR Pipe Wrap	Classification
≤ Ø 40mm PVC-U & PVC-C	1.9 – 3.0mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø 40mm PE, ABS & SAN+PVC	2.4 – 3.7mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø 40mm PP	1.8 – 5.5mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm PVC-U & PVC-C	2.7 – 6.6mm	50 x 3.6mm (2 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm PE, ABS & SAN+PVC	4.2 – 10.0mm	50 x 3.6mm (2 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm PP	2.7 – 15.1mm	50 x 3.6mm (2 layers)	EI 90 U/U (E 90 U/U)
≤ Ø 125mm PVC-U & PVC-C	3.7 – 7.4mm	50 x 5.4mm (3 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 125mm PE, ABS & SAN+PVC	4.8 – 12.0mm	50 x 5.4mm (3 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 125mm PP	3.1 – 17.1mm	50 x 5.4mm (3 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 160mm PVC-U & PVC-C	9.5mm	50 x 7.2mm (4 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 160mm PE, ABS & SAN+PVC	14.6mm	50 x 7.2mm (4 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 160mm PP	21.9mm	50 x 7.2mm (4 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 200mm PVC-U & PVC-C	9.0 – 10.2mm	50 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
≤ Ø 250mm PVC-U & PVC-C	8.5 – 11.0mm	50 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
≤ Ø 315mm PVC-U & PVC-C	7.7 – 12.1mm	50 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
≤ Ø 400mm PVC-U & PVC-C	9.8 – 15.3mm	50 x 28.8mm (16 layers)	EI 90 C/C (E 90 C/C)

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services should not exceed 60% of the penetration



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR

APPLICATION

Fire stopping of plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- For fire classifications please see the table on the left.
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414 & ETA 19/0406



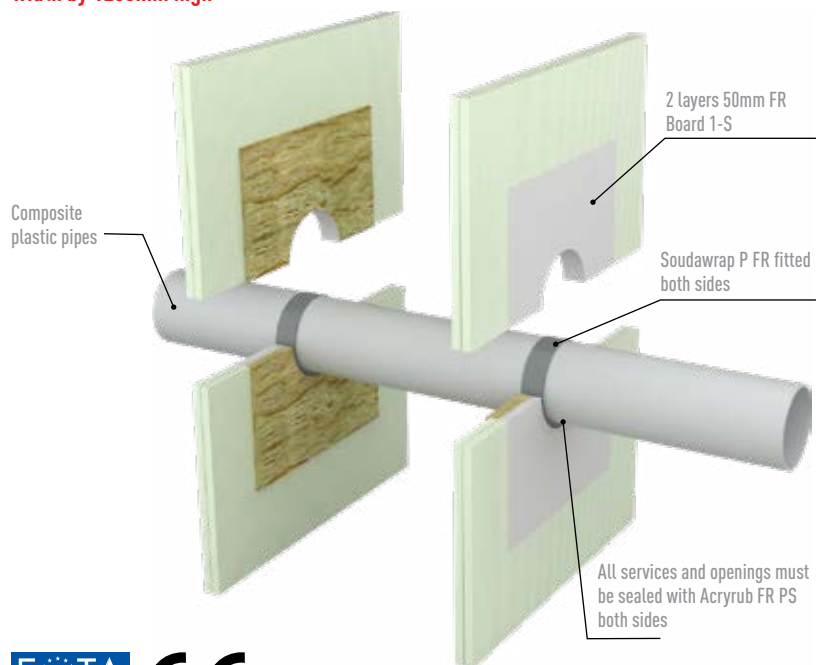
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INSTALLATION INSTRUCTIONS

Soudal Fire Board & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Services	FR Pipe Wrap	Classification
Ø 32mm Aquatherm Green SDR9 pipes	50 x 1.8mm (1 layer)	EI 90 C/C (E 120 C/C)
≤ Ø 110mm Aquatherm Green SDR9 pipes	50 x 3.6mm (2 layers)	EI 90 C/C (E 120 C/C)
≤ Ø 50mm BluePower pipes	50 x 3.6mm (2 layers)	EI 90 U/U (E 90 U/U)
≤ Ø 110mm BluePower pipes	50 x 3.6mm (2 layers)	EI 90 C/U (E 90 C/U)
≤ Ø 50mm Geberit Silent-PP pipes	50 x 3.6mm (2 layers)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm Geberit Silent-PP pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 50mm Polo-Kal NG pipes	50 x 3.6mm (2 layers)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm Polo-Kal NG pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
Ø 125mm Polo-Kal NG pipes	50 x 7.2mm (4 layers)	EI 120 U/C (E 120 U/C)
Ø 160mm Polo-Kal NG pipes	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 50mm Rehau Raupiano Plus pipes	50 x 3.6mm (2 layers)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm Rehau Raupiano Plus pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
Ø 125mm Rehau Raupiano Plus pipes	50 x 7.2mm (4 layers)	EI 120 U/C (E 120 U/C)
Ø 160mm Rehau Raupiano Plus pipes	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 50mm Wavin SiTech pipes	50 x 3.6mm (2 layers)	EI 90 U/U (E 120 U/U)
≤ Ø 110mm Wavin SiTech pipes	50 x 3.6mm (2 layers)	EI 60 U/C (E 120 U/C)

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services should not exceed 60% of the penetration



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of composite plastic pipes in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards

FIRE & SOUND CLASSIFICATION

- For fire classifications please see the table on the left.
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414 & ETA 19/0406



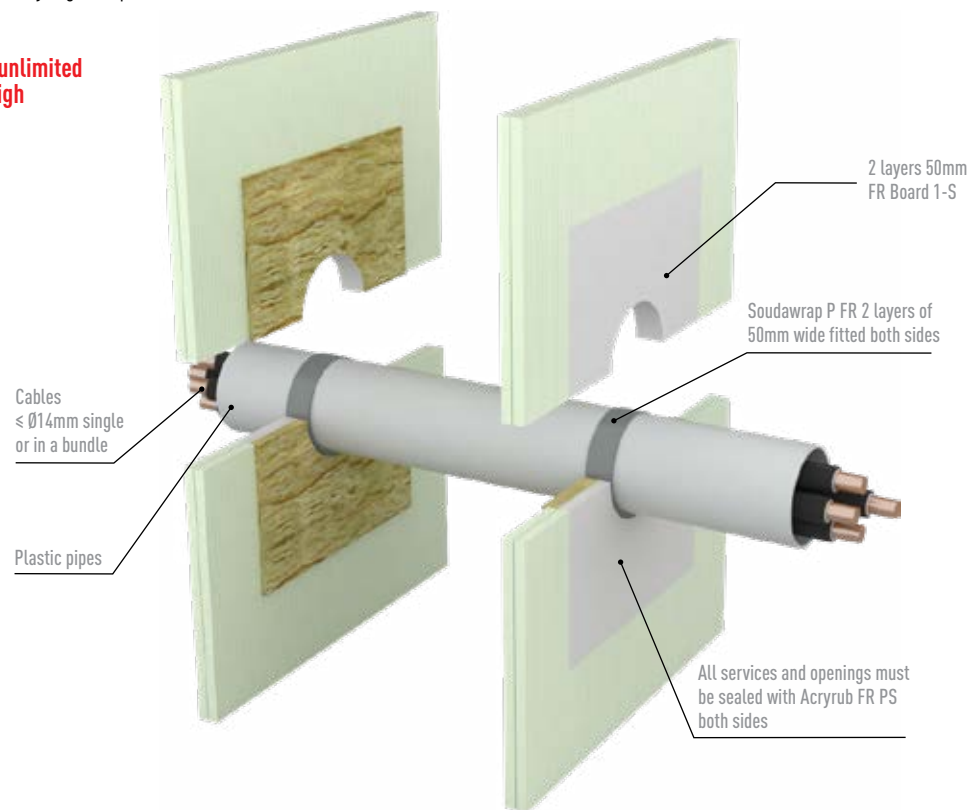
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INSTALLATION INSTRUCTIONS

Soudal Fire Board & Acryrub FR PS & Soudawrap P FR & Soudatransit P FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR
Soudatransit P FR

APPLICATION

Fire stopping of conduits in flexible walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

FIRE & SOUND CLASSIFICATION

- Conduits of PVC-U & PVC-C pipe ≤ Ø110mm with wall thickness 2.7-6.6mm
EI 90 U/C & E 120 U/C
- Conduits of PE, ABS & SAN+PVC pipes ≤ Ø110mm with wall thickness 4.2-10.0mm
EI 90 U/C & E 120 U/C
- Conduits of PP pipe ≤ Ø110mm with wall thickness 2.7-15.1mm
EI 90 U/C & E 120 U/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414
ETA 19/0406 & ETA 19/0407

INSTALLATION INSTRUCTIONS

Soudal Fire Board & Acryrub FR PS & Soudagum FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. All cables and cable trays must be coated 150mm each side with 300 μ WFT Soudagum FR.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 1200mm wide by 600mm high

Cables on perforated cable trays and ladders

All services and openings must be sealed with Acryrub FR PS both sides

1 layer 50mm FR Board 2-S

All services must be coated with Soudagum FR both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudagum FR

APPLICATION

Fire stopping of cables on cable trays in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 80\text{mm}$ single or bundled on perforated cable trays and ladders
EI 60 & E 60
- Sound reduction (seal only)
29 dB

CERTIFICATION:

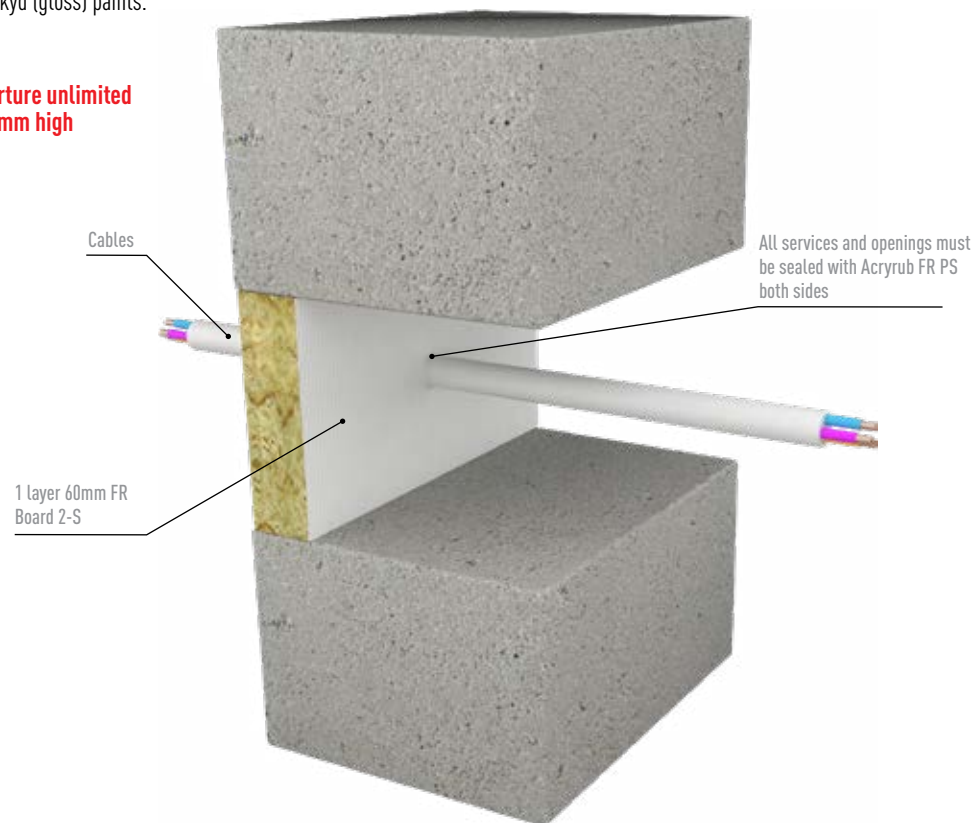
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Acryrub FR PS
Fire board

APPLICATION

Fire stopping of cables in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \text{Ø}21\text{mm}$
EI 90 & E 240
- Sound reduction (seal only)
29 dB

CERTIFICATION:

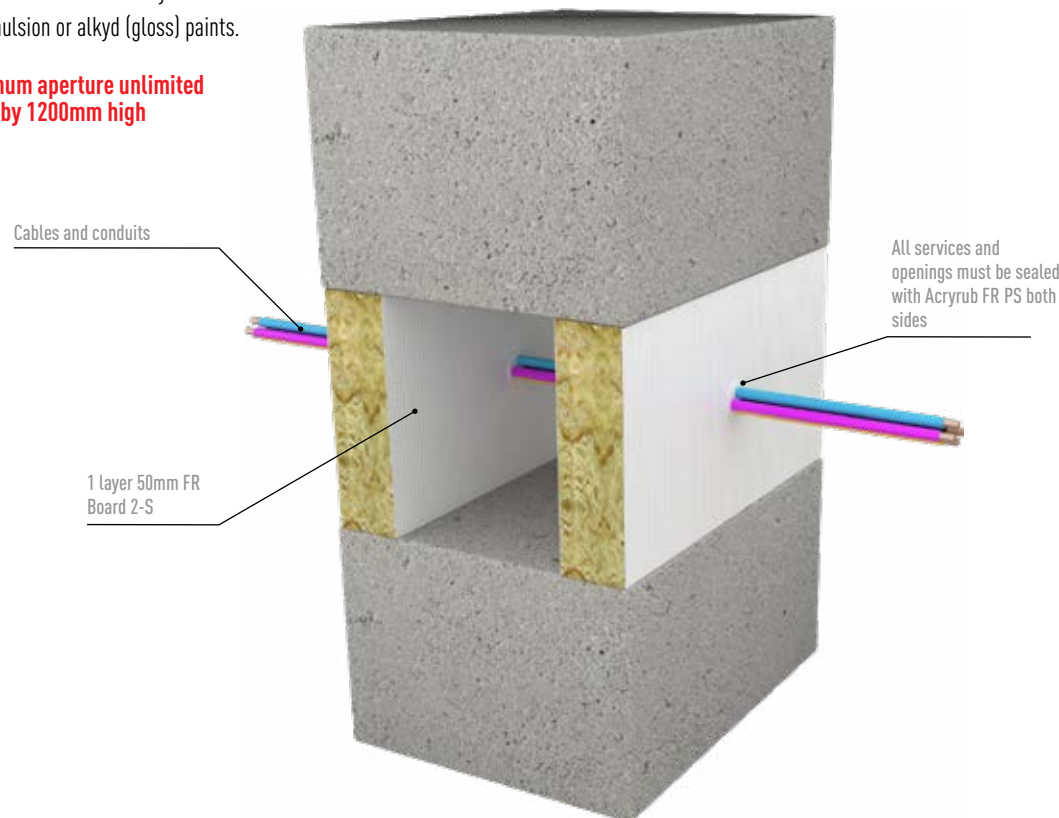
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of cables and conduits in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$, single or in a bundle and PVC conduits $\leq \varnothing 16\text{mm}$
EI 120 & E 240
- Cables $\leq \varnothing 21\text{mm}$ and PVC conduits $\leq \varnothing 16\text{mm}$
EI 180 & E 240
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**

Cables, wires and
conduits on cable
trays

All services and openings must
be sealed with Acryrub FR PS
both sides

All services and openings must
be sealed with Acryrub FR PS
both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of cables, wires and conduits on
cable trays in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and com-
prise concrete, aerated concrete or masonry,
with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 80\text{mm}$ single or bundled, wires
185mm² and steel or PVC conduits $\leq$
 $\varnothing 16\text{mm}$ on trays
EI 60 & E 60
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**

Cables and conduits on
cable trays

All services and
openings must be sealed
with Acryrub FR PS both
sides

2 layers 60mm FR
Board 2-S

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of cables and conduits on cable
trays in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and
comprise concrete, aerated concrete or
masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$ in tied bundles $\leq \varnothing 100\text{mm}$ and PVC conduits $\leq \varnothing 16\text{mm}$ on $\leq 200 \text{ mm}$ ladders or $\leq 500 \text{ mm}$ non-perforated trays
EI 120 & E 180
- Cables $\leq \varnothing 80\text{mm}$, single, bundled and on
trays
EI 60 & E 180
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudagum FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
3. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
4. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 600mm wide and 600mm high

Cables, wires and conduits on cable trays

60mm FR Board 2-S installed 30mm into aperture both sides to achieve total seal width of at least 210mm

Board edges must be coated with FR Coating both sides

All services and openings must be sealed with Acryrub FR PS both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudal Fire Board Pro

Acryrub FR PS

Soudagum FR

APPLICATION

Fire stopping of cables, wires and conduits on cable trays in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$ in tied bundles $\leq \varnothing 100\text{mm}$ on trays
EI 240 & E 240
- Cables $\leq \varnothing 21\text{mm}$, single, bundled and wires $\leq 95\text{mm}^2$ on trays
EI 120 & E 240
- Cables $\leq \varnothing 80\text{mm}$, single, bundled and wires $\leq 185\text{mm}^2$ on trays
EI 60 & E 240
- Sound reduction (seal only) 53 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414



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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudagum FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
3. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
4. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high

Cables, wires and conduits
on cable trays

60mm FR Board 2-S
oversailing aperture by
50mm on both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.

Board edges must be
coated with FR Coating
both sides

All services and openings must
be sealed with Acryrub FR PS
both sides

Fixed with 100mm long screws and
penny washers at 350mm centres



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudagum FR

APPLICATION

Fire stopping of cables and conduits on cable
trays in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and
comprise concrete, aerated concrete or
masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$ in tied bundles $\leq \varnothing 100\text{mm}$
on trays
EI 240 & E 240
- Cables $\leq \varnothing 50\text{mm}$, single, bundled and wires
 $\leq 185\text{mm}^2$ on trays
EI 90 & E 240
- Cables $\leq \varnothing 80\text{mm}$, single, bundled and on trays
EI 60 & E 240
- Sound reduction (seal only) 53 dB

CERTIFICATION:

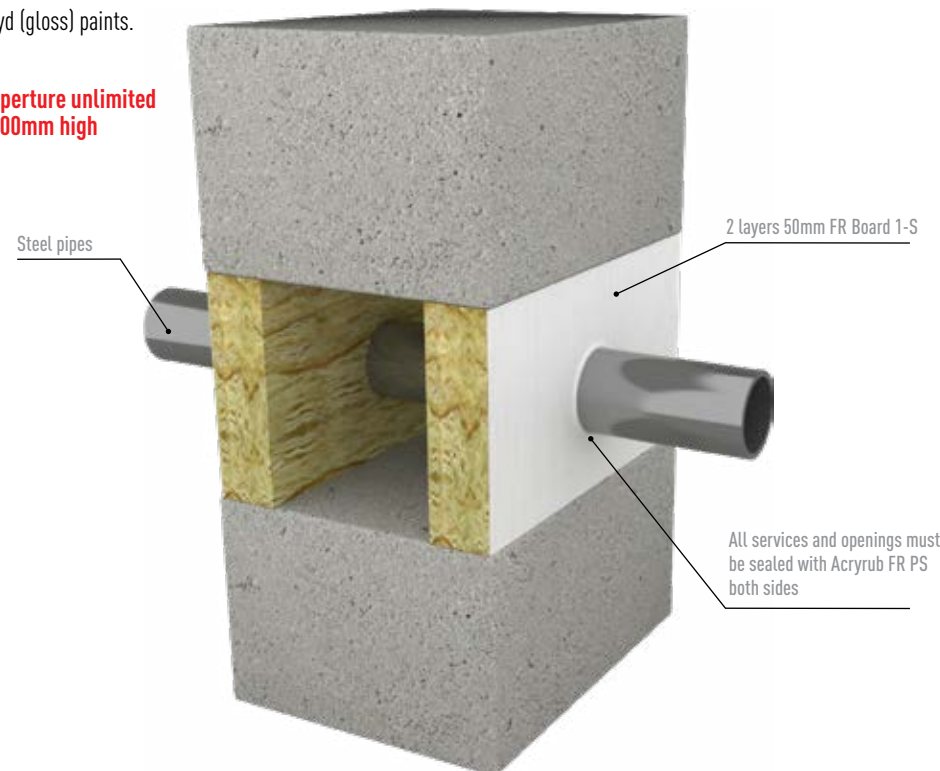
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of un-insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}22\text{mm}$
EI 60 C/U & E 120 C/U
- Steel pipes $\leq \text{Ø}114\text{mm}$
EI 20 C/U & E 90 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**

Soudawrap P FR 1 layer
of 50mm wide

1 layer 60mm FR
Board 2-S

Continuous elastomeric
or PE foam insulation

Steel pipes

All services and openings must
be sealed with Acryrub FR PS
both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}165\text{mm}$ with 9 - 25mm continuous foam insulation
EI 45 U/C & E 120 U/C
- Sound reduction (seal only)
29 dB

CERTIFICATION:

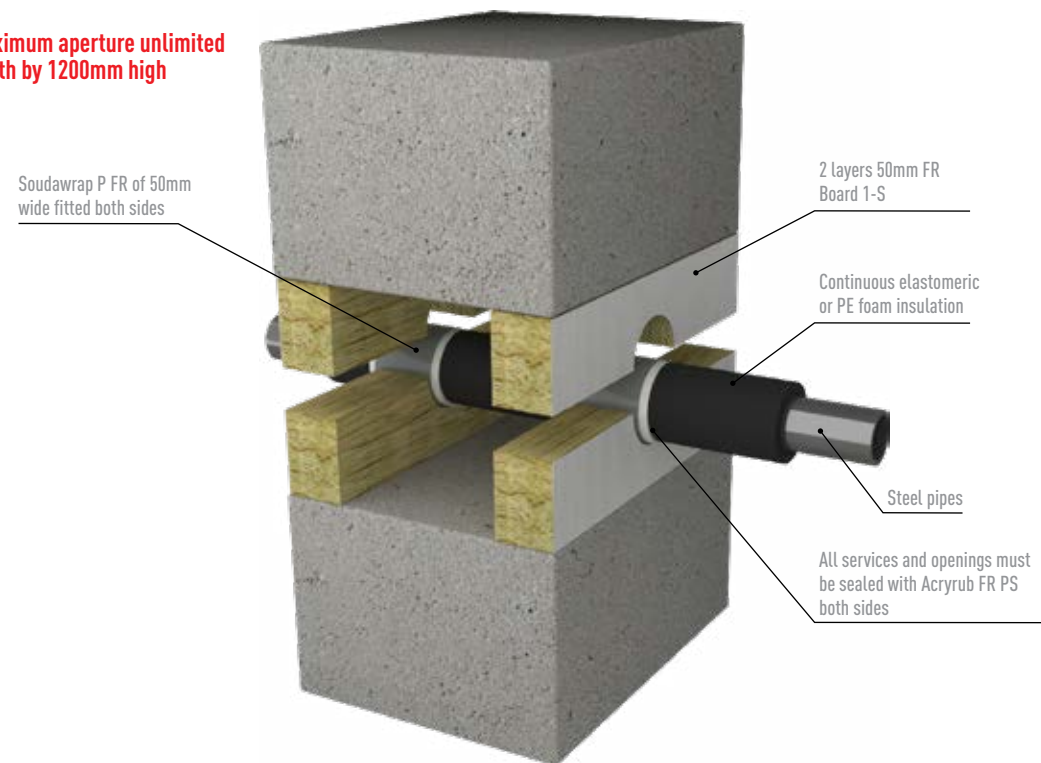
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with 13mm continuous foam insulation and 2 layers of pipe wrap
EI 120 U/U & E 120 U/U
- Steel pipes $\leq \varnothing 165\text{mm}$ with 13 - 32mm continuous foam insulation and 2 layers of pipe wrap
EI 60 U/U & E 120 U/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with 32 - 50mm continuous foam insulation and 3 layers of pipe wrap
EI 90 C/U & E 90 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

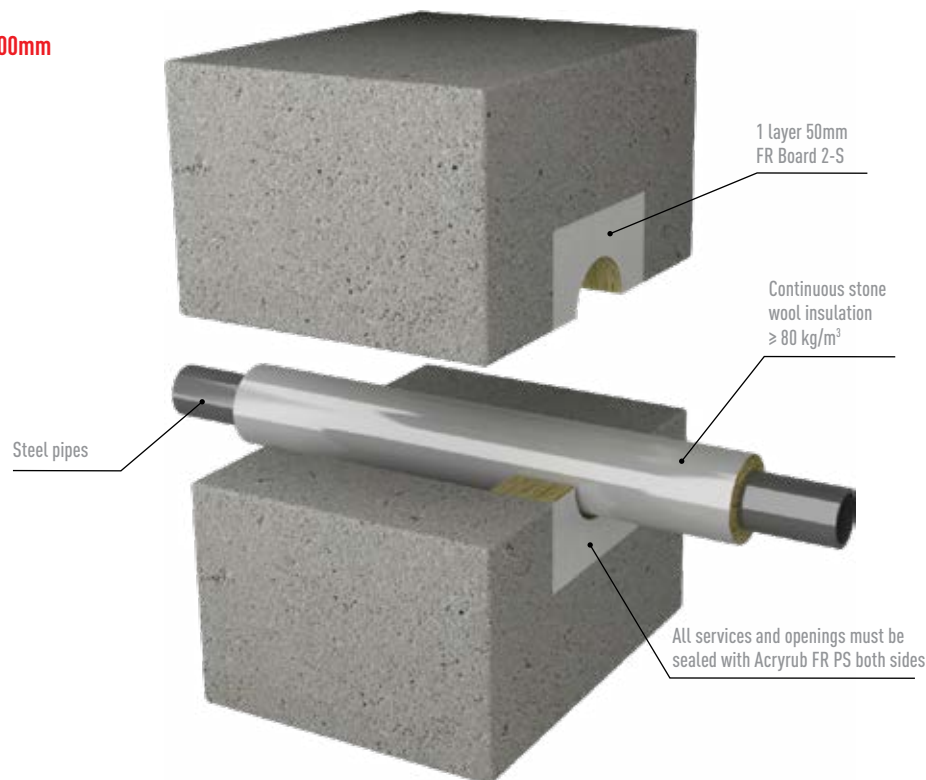
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture 1200mm
wide by 600mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}324\text{mm}$ with 20-30mm continuous stone wool insulation
EI 60 C/U & E 90 C/U
- Sound reduction (seal only)
29 dB

CERTIFICATION:

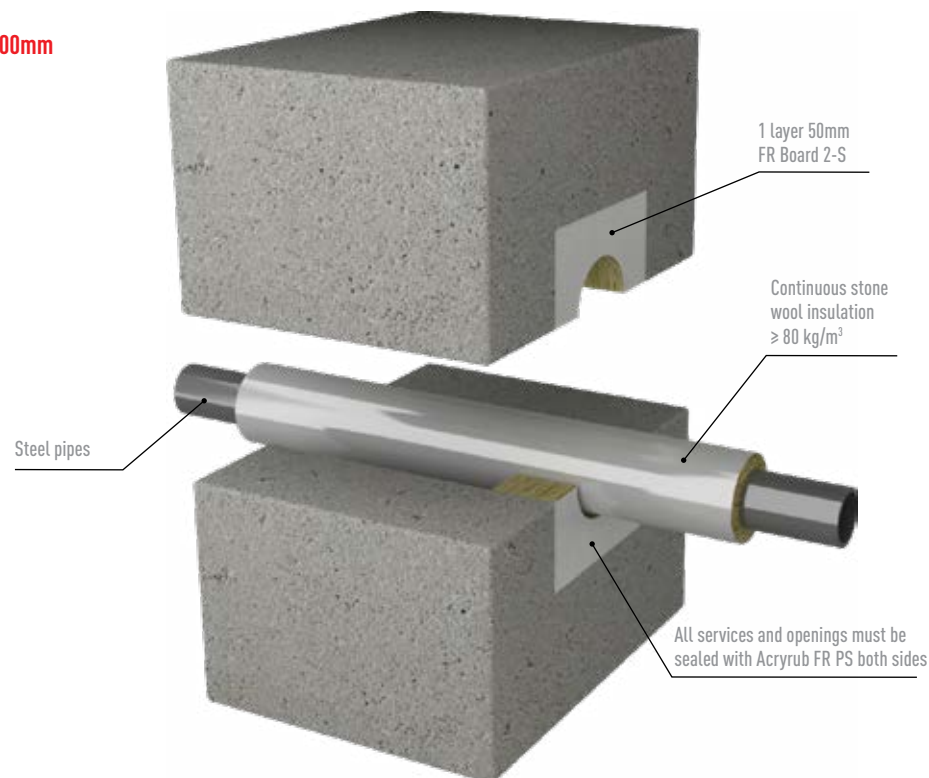
ETA 19/0409 & ETA 19/0414
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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

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2. The board can be positioned to either side of the construction or anywhere in between.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture 1200mm
wide by 600mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø219mm with 30mm continuous stone wool insulation
EI 60 C/U & E 240 C/U
- Steel pipes Ø325mm with 30mm continuous stone wool insulation
EI 90 C/U & E 120 C/U
- Sound reduction (seal only)
29 dB

CERTIFICATION:

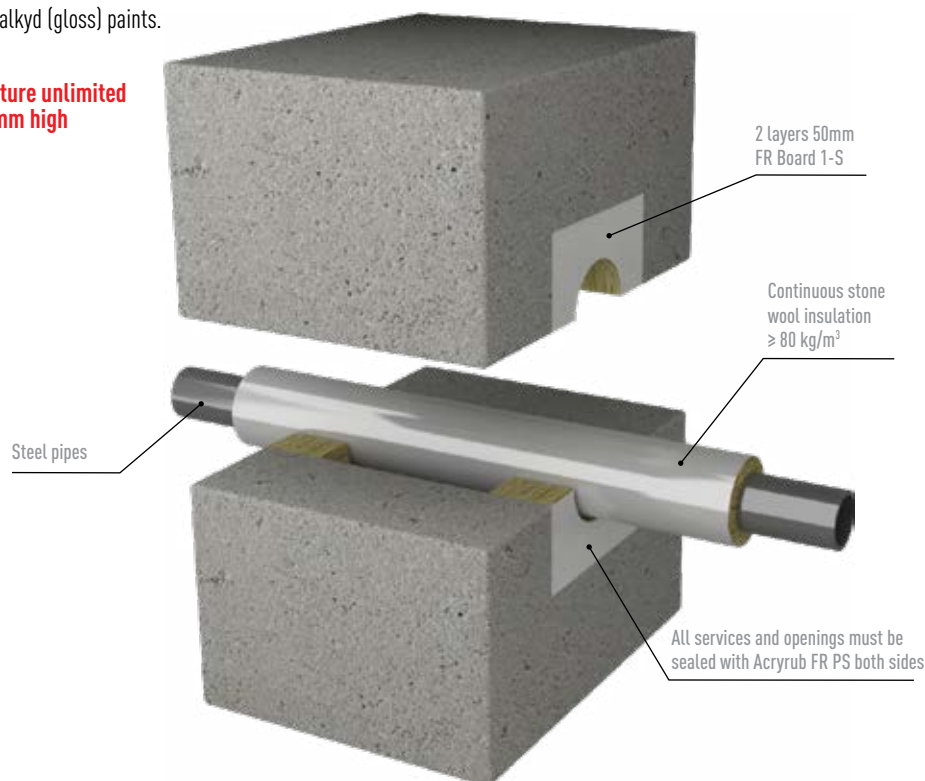
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}324\text{mm}$ with 20-80mm continuous stone wool insulation
EI 120 C/U & E 120 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

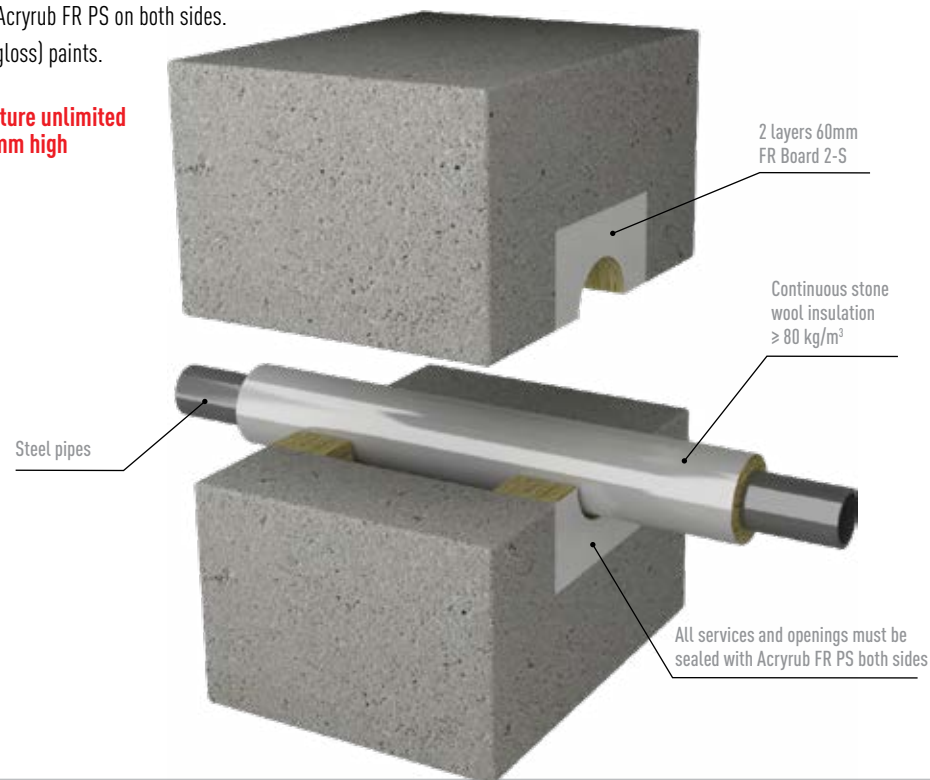
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \text{Ø}324\text{mm}$ with 20-80mm continuous stone wool insulation
EI 180 C/U & E 240 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

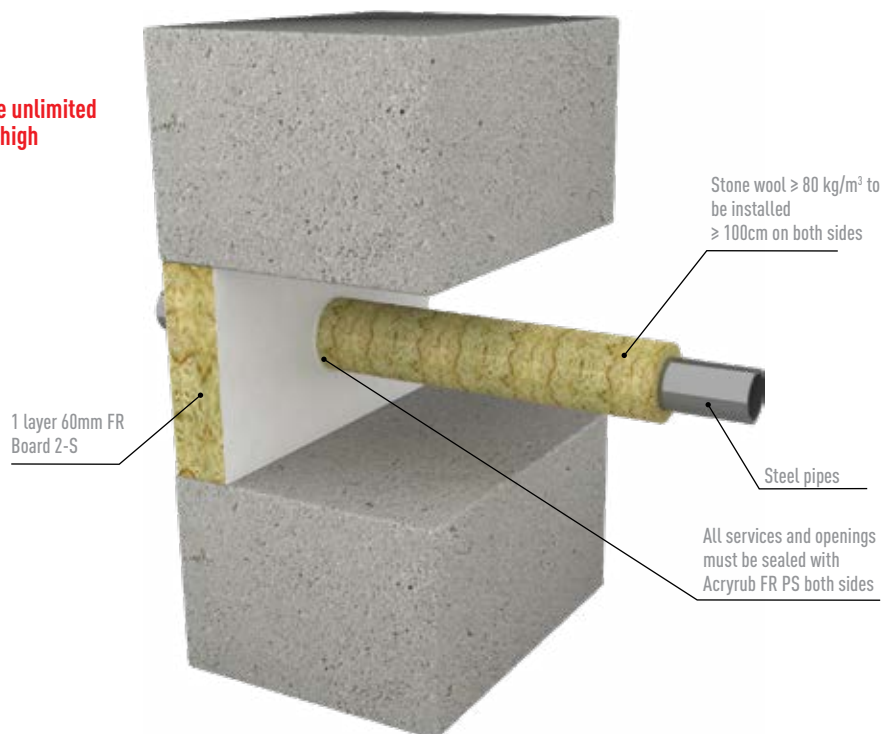
Soudal Fire Board Pro & Acryrub FR PS

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2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The board can be positioned to either side of the construction or anywhere in between.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudal Fire Board Pro

Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum aperture 280mm wide and 280mm high
EI 240 C/U & E 240 C/U
- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum aperture unlimited width by 1200mm high
EI 90 C/U & E 240 C/U
- Steel pipes $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture 280mm wide and 280mm high
EI 240 C/U & E 240 C/U
- Steel pipes $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture unlimited width by 1200mm high
EI 90 C/U & E 240 C/U
- Sound reduction (seal only) 29 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414



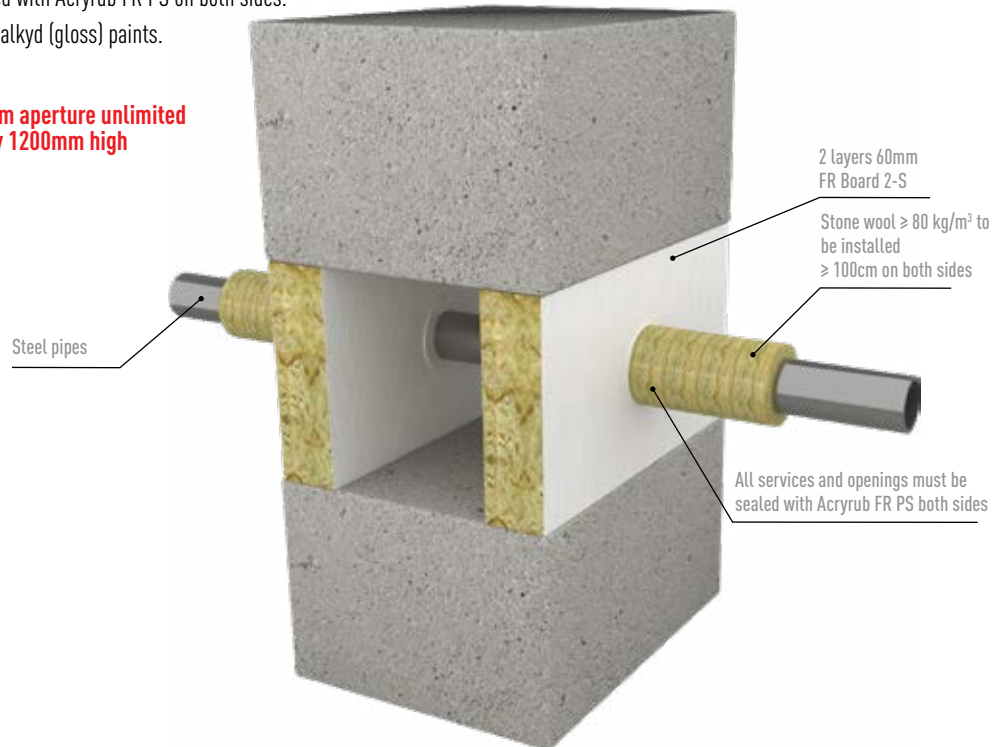
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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated steel pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation
EI 180 C/U & E 240 C/U
- Steel pipes $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation
EI 180 C/U & E 240 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

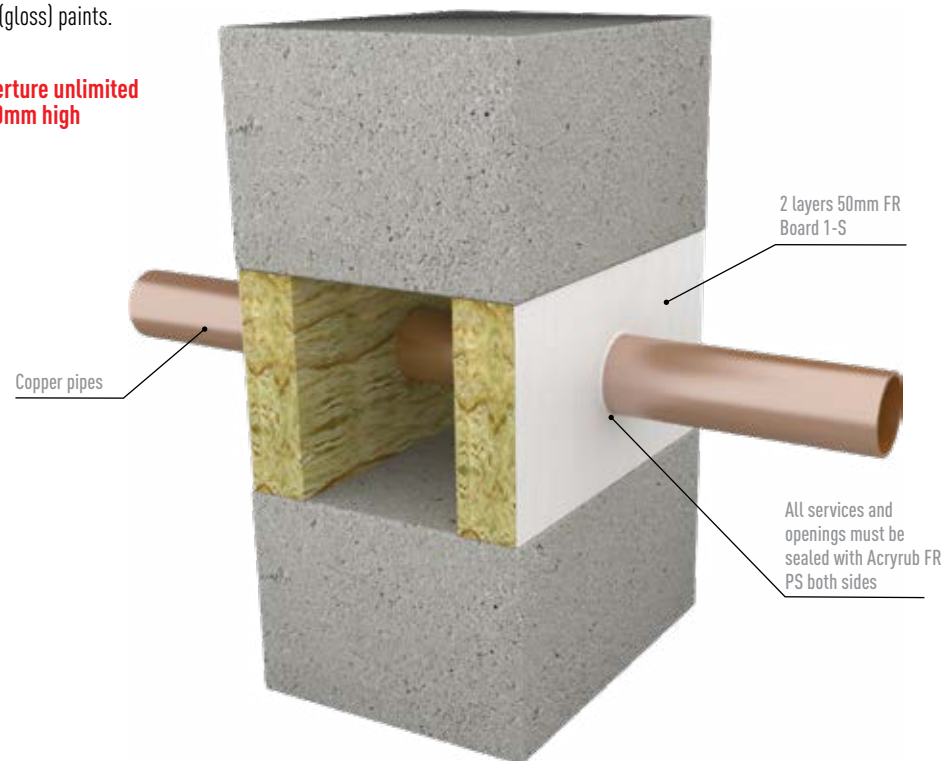
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
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5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of un-insulated copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}6\text{mm}$
EI 60 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**

Soudawrap P FR 2
layers of 50mm wide
fitted both sides

2 layers 50mm FR Board
1-S

Continuous elastomeric
or PE foam insulation

Copper pipes

All services and openings must
be sealed with Acryrub FR PS
both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro

Acryrub FR PS

Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \text{Ø}12\text{mm}$ with 9mm continuous foam insulation
EI 120 C/C & E 120 C/C
- Copper pipes $\leq \text{Ø}54\text{mm}$ with 9 - 13mm continuous foam insulation
EI 90 C/C & E 120 C/C
- Copper pipes $\leq \text{Ø}54\text{mm}$ with 14 - 25mm continuous foam insulation
EI 60 C/C & E 120 C/C
- Sound reduction (seal only) 52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414 & ETA 19/0406

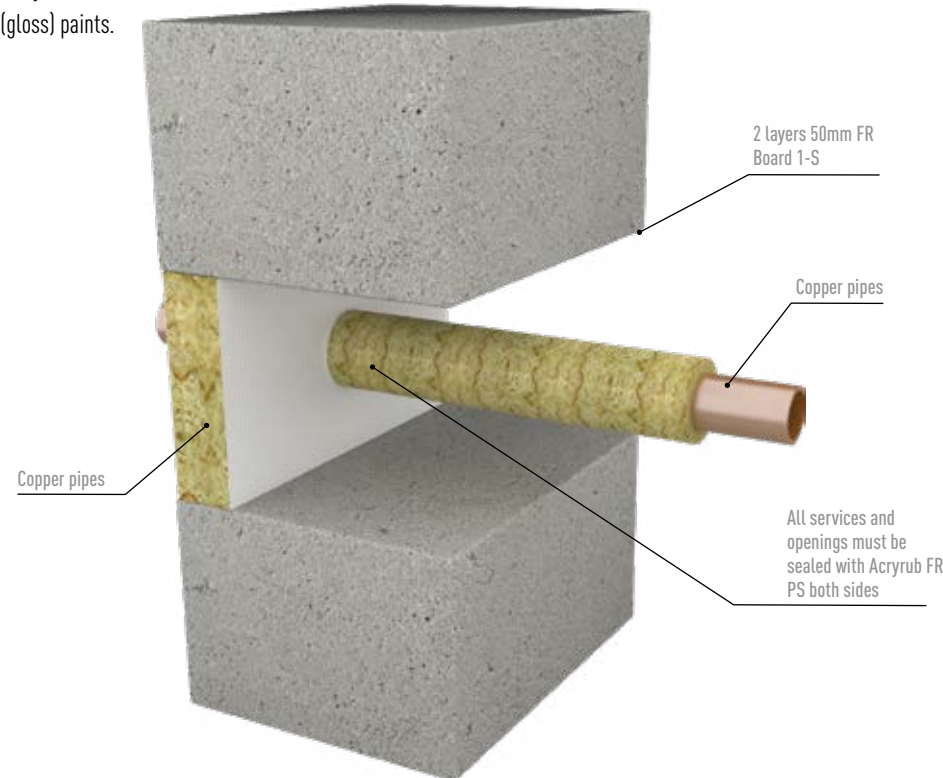
INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The board can be positioned to either side of the construction or anywhere in between.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated copper pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 12\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum aperture 70mm wide and 70mm high
EI 240 C/U & E 240 C/U
- Copper pipes $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum aperture 115mm wide and 115mm high
EI 120 C/U & E 240 C/U
- Copper pipes $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum aperture unlimited width by 1200mm high
EI 90 C/U & E 240 C/U
- Sound reduction (seal only) 29 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414



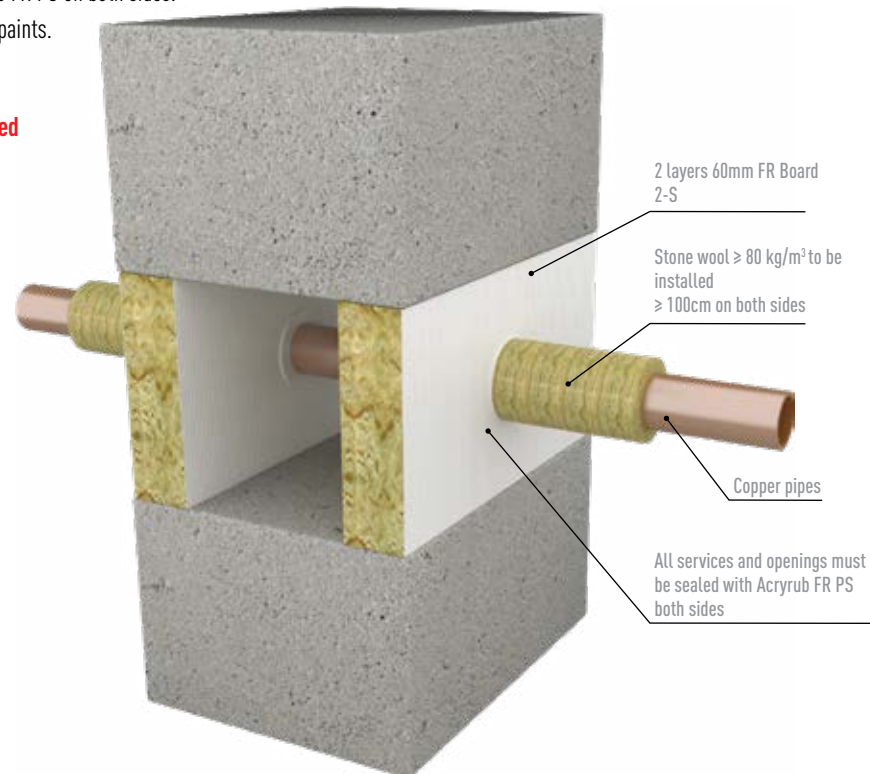
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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated copper pipes in
rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and com-
prise concrete, aerated concrete or masonry,
with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 54\text{mm}$ with $\geq 20\text{mm}$ stone
wool insulation
EI 120 C/U & E 240 C/U
- Sound reduction (seal only)
52 dB

CERTIFICATION:

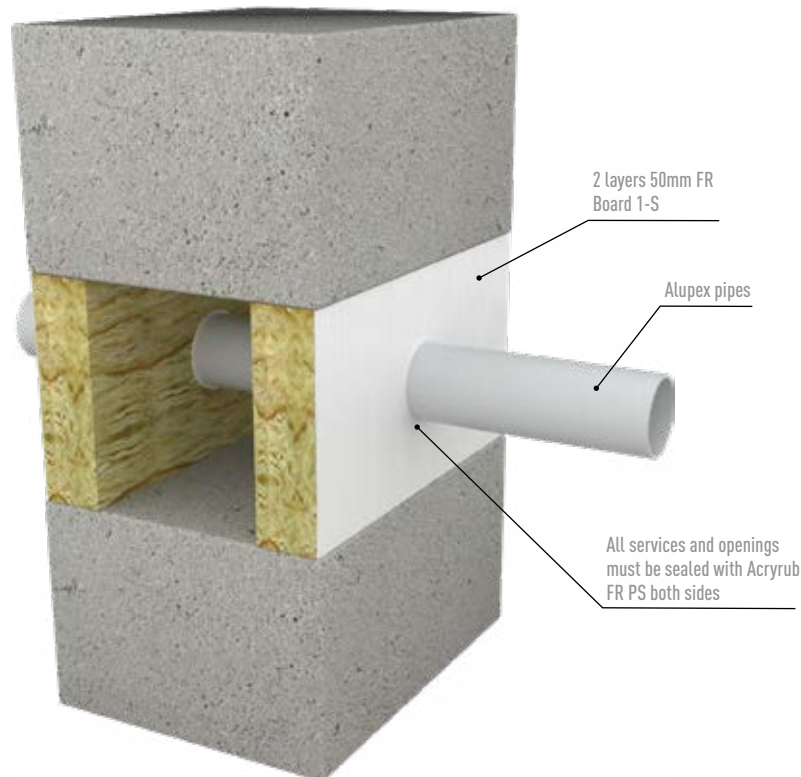
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of un-insulated alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \text{Ø}20\text{mm}$
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

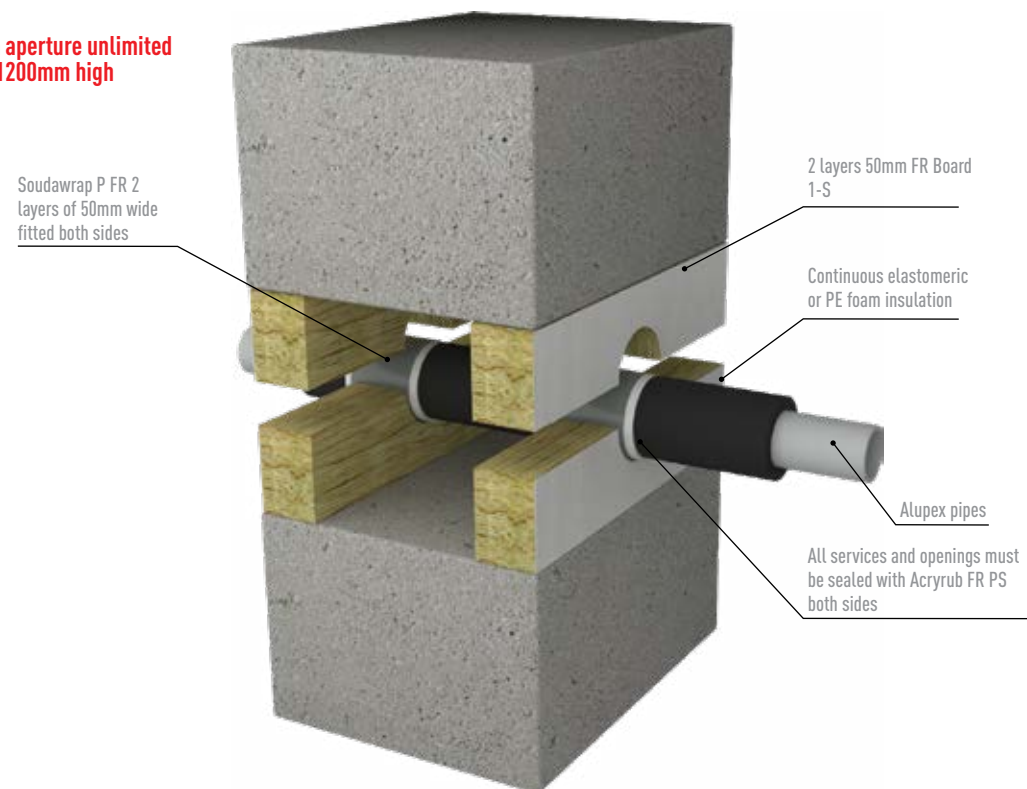
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 75\text{mm}$ with 9 - 25mm continuous foam insulation
EI 120 C/C & E 120 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

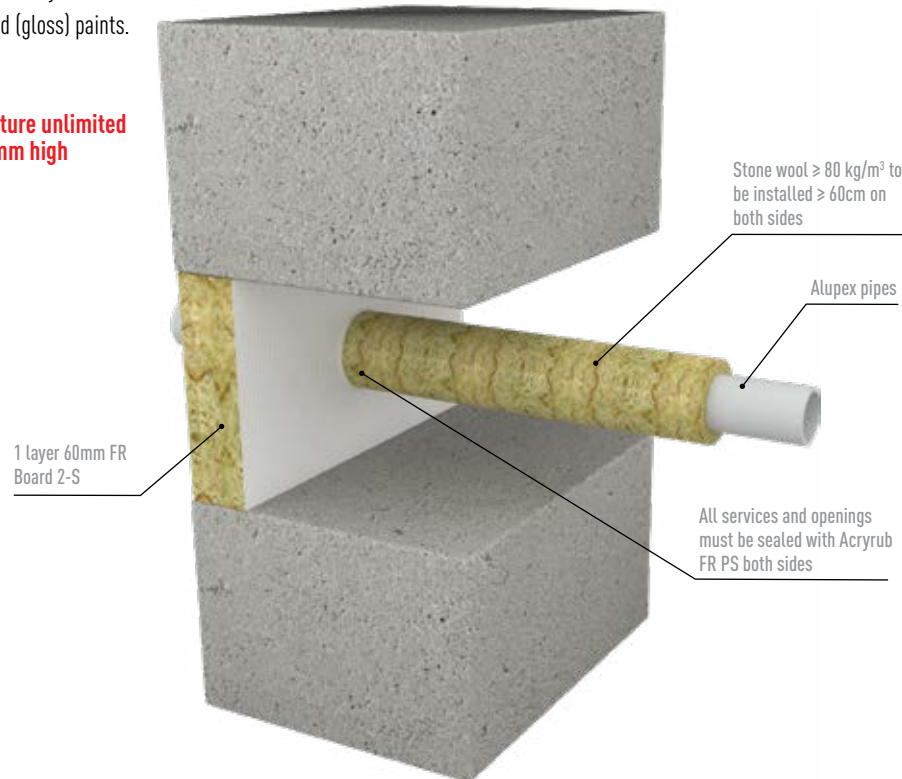
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The board can be positioned to either side of the construction or anywhere in between.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture 200mm wide and 200mm high
EI 120 C/C & E 120 C/C
- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture unlimited width by 1200mm high
EI 90 C/C & E 120 C/C
- Sound reduction (seal only)
29 dB

CERTIFICATION:

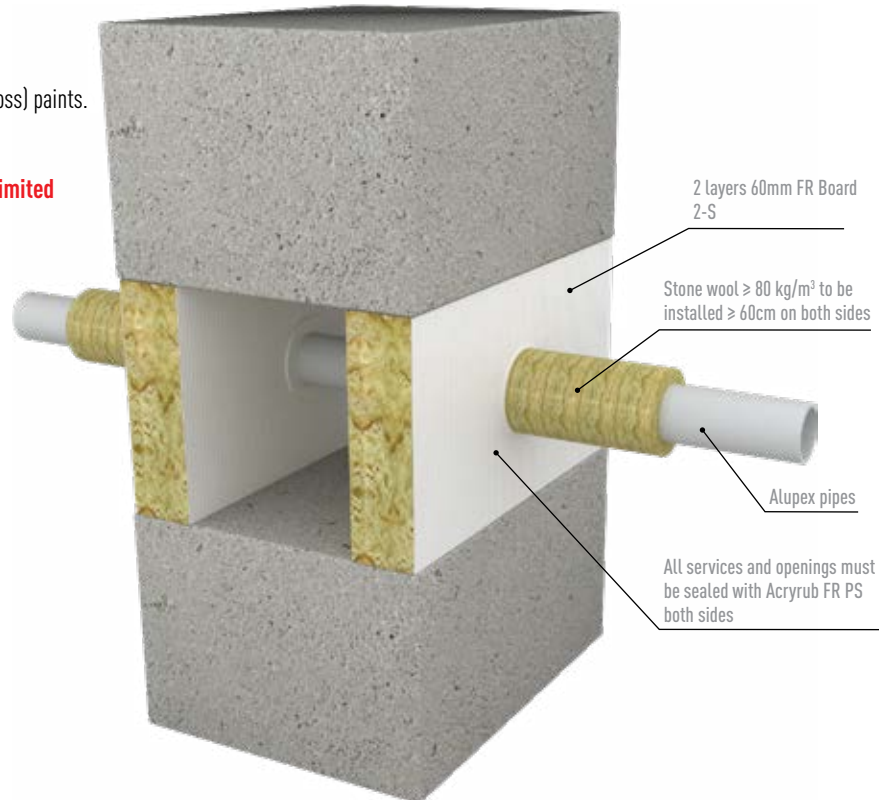
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of insulated alupex pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 16\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture 1200mm wide and 1200mm high
EI 240 U/C & E 240 U/C
- Alupex pipes $\leq \varnothing 16\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture unlimited width by 1200mm high
EI 180 U/C & E 240 U/C
- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum aperture unlimited width by 1200mm high
EI 120 C/C & E 120 C/C
- Sound reduction (seal only) 52 dB

CERTIFICATION:

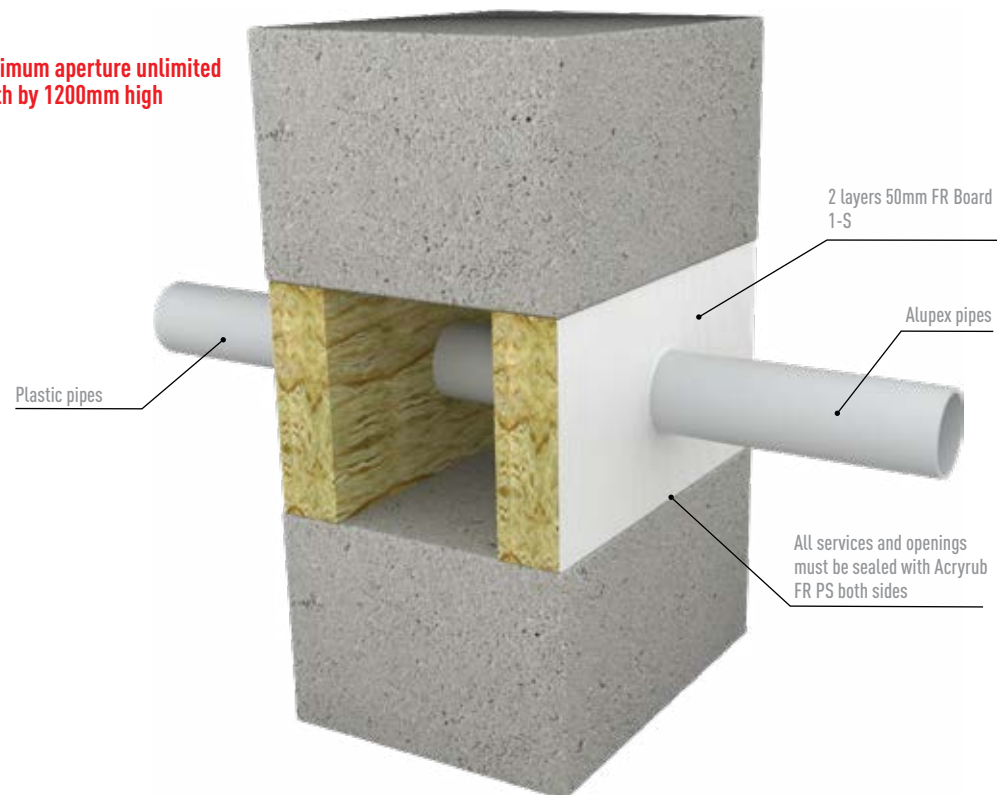
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipe $\leq \text{Ø}25\text{mm}$
EI 90 C/C & E 90 C/C
- PVC-U and PVC-C pipes $\leq \text{Ø}32\text{mm}$ with wall thickness 1.0-2.4mm
EI 60 U/C & E 90 U/C
- PE, ABS and SAN+PVC pipes $\leq \text{Ø}32\text{mm}$ with wall thickness 2.0-3.0mm
EI 60 U/C & E 60 U/C
- PP pipes $\leq \text{Ø}32\text{mm}$ with wall thickness 1.8-2.2mm
EI 60 U/C & E 120 U/C
- Sound reduction (seal only) 52 dB

CERTIFICATION:

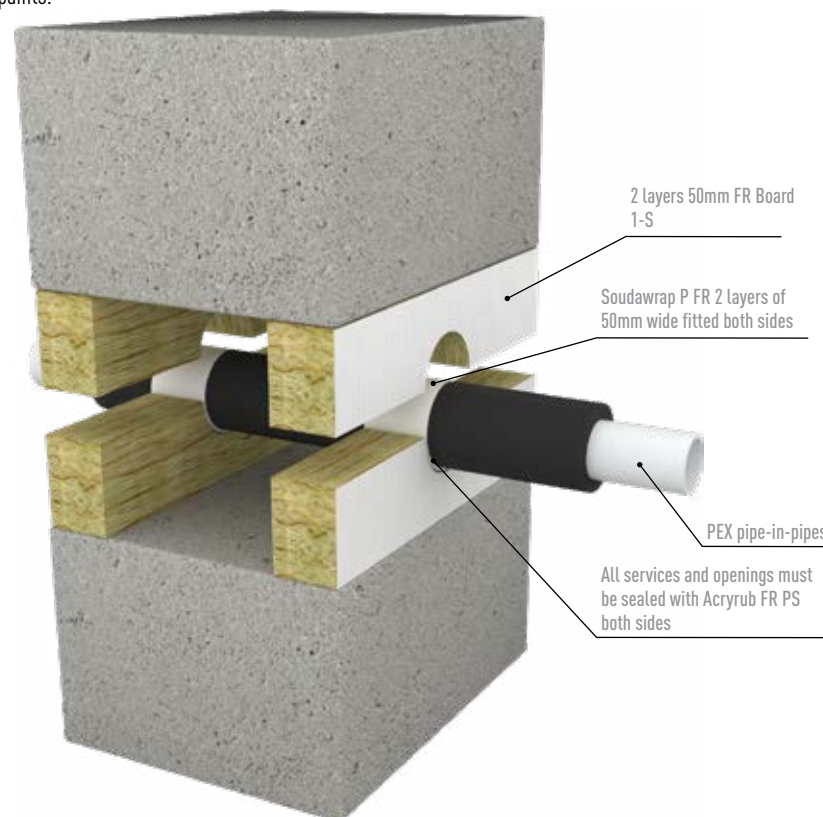
ETA 19/0409 & ETA 19/0414

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS& Soudawrap P FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR

APPLICATION

Fire stopping of PEX pipe-in-pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipes $\leq \varnothing 54\text{mm}$
EI 120 C/C & E 120 C/C
- PEX pipe-in-pipes $\leq \varnothing 25\text{mm}$ in bundles
 $\leq \varnothing 50\text{mm}$
EI 90 C/C & E 90 C/C
- Sound reduction (seal only)
52 dB

CERTIFICATION:

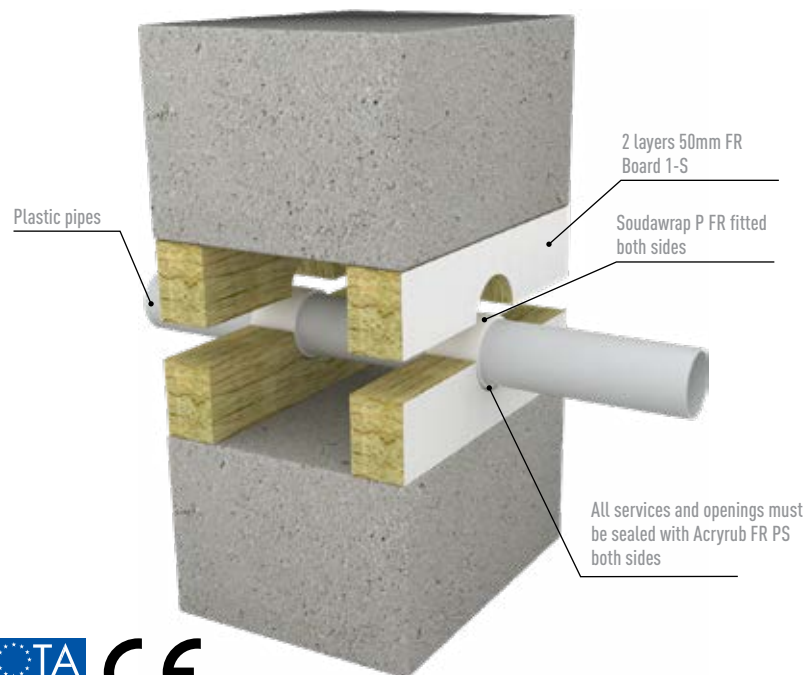
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Services	Pipe Wall Thickness	FR Pipe Wrap	Classification
≤ Ø 40mm PVC-U & PVC-C	1.9 – 3.0mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø 40mm PE, ABS & SAN+PVC	2.4 – 3.7mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø 40mm PP	1.8 – 5.5mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm PVC-U & PVC-C	2.7 – 6.6mm	50 x 3.6mm (2 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm PE, ABS & SAN+PVC	4.2 – 10.0mm	50 x 3.6mm (2 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm PP	2.7 – 15.1mm	50 x 3.6mm (2 layers)	EI 90 U/U (E 90 U/U)
≤ Ø 125mm PVC-U & PVC-C	3.7 – 7.4mm	50 x 5.4mm (3 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 125mm PE, ABS & SAN+PVC	4.8 – 12.0mm	50 x 5.4mm (3 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 125mm PP	3.1 – 17.1mm	50 x 5.4mm (3 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 160mm PVC-U & PVC-C	9.5mm	50 x 7.2mm (4 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 160mm PE, ABS & SAN+PVC	14.6mm	50 x 7.2mm (4 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 160mm PP	21.9mm	50 x 7.2mm (4 layers)	EI 90 U/C (E 120 U/C)
≤ Ø 200mm PVC-U & PVC-C	9.0 – 10.2mm	50 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
≤ Ø 250mm PVC-U & PVC-C	8.5 – 11.0mm	50 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
≤ Ø 315mm PVC-U & PVC-C	7.7 – 12.1mm	50 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
≤ Ø 400mm PVC-U & PVC-C	9.8 – 15.3mm	50 x 28.8mm (16 layers)	EI 90 C/C (E 90 C/C)

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services should not exceed 60% of the penetration



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

FIRE & SOUND CLASSIFICATION

- For fire classifications please see the table on the left.
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414 & ETA 19/0406



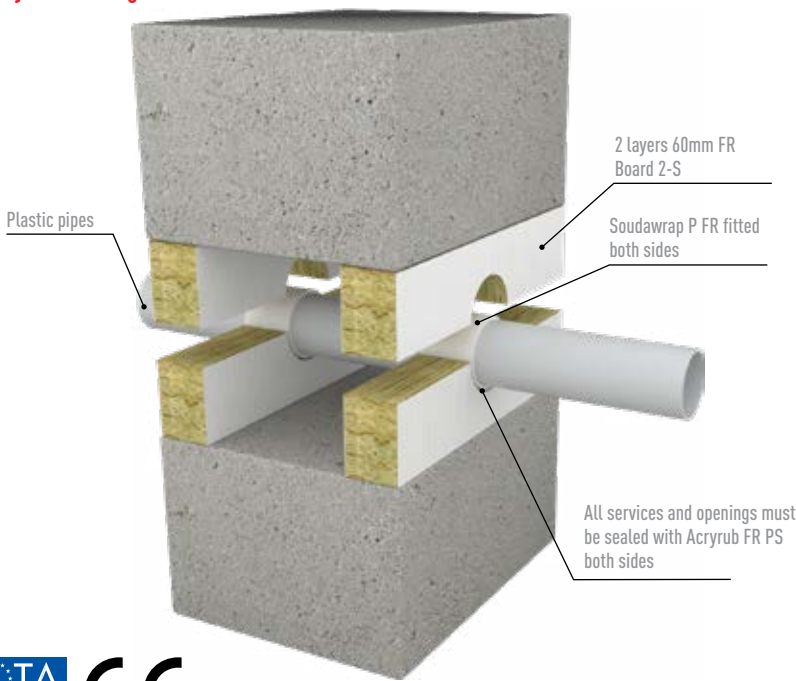
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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The coated side of the board should be flush with the surface of the drywall on both sides.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Services	Pipe Wall Thickness	FR Pipe Wrap	Classification
≤ Ø 40mm PVC-U & PVC-C	1.9 – 3.0mm	50 x 1.8mm (1 layer)	EI 240 U/C [E 240 U/C]
≤ Ø 40mm PE, ABS & SAN+PVC	2.4 – 4.6mm	50 x 1.8mm (1 layer)	EI 240 U/C [E 240 U/C]
≤ Ø 40mm PP	1.8 – 5.5mm	50 x 1.8mm (1 layer)	EI 240 U/C [E 240 U/C]
≤ Ø 110mm PVC-U & PVC-C	2.7 – 6.6mm	50 x 3.6mm (2 layers)	EI 240 U/C [E 240 U/C]
≤ Ø 110mm PE, ABS & SAN+PVC	3.4 – 10.0mm	50 x 3.6mm (2 layers)	EI 240 U/C [E 240 U/C]
≤ Ø 110mm PP	2.7 – 10.0mm	50 x 3.6mm (2 layers)	EI 240 C/C [E 240 C/C]
≤ Ø 125mm PVC-U & PVC-C	4.7 – 7.4mm	50 x 7.2mm (4 layers)	EI 240 U/C [E 240 U/C]
≤ Ø 125mm PE, ABS & SAN+PVC	3.9 – 7.4mm	50 x 7.2mm (4 layers)	EI 240 U/C [E 240 U/C]
≤ Ø 125mm PP	3.1 – 11.4mm	50 x 7.2mm (4 layers)	EI 240 C/C [E 240 C/C]
≤ Ø 160mm PVC-U & PVC-C	4.0 – 9.5mm	50 x 10.8mm (6 layers)	EI 240 U/C [E 240 U/C]
≤ Ø 160mm PE, ABS & SAN+PVC	4.9 – 9.5mm	50 x 10.8mm (6 layers)	EI 240 U/C [E 240 U/C]
≤ Ø 160mm PP	4.9 – 14.6mm	50 x 10.8mm (6 layers)	EI 240 C/C [E 240 C/C]
≤ Ø 200mm PVC-U & PVC-C	5.0 – 10.2mm	75 x 18.0mm (10 layers)	EI 120 C/C [E 120 C/C]
≤ Ø 250mm PVC-U & PVC-C	6.0 – 11.0mm	75 x 18.0mm (10 layers)	EI 120 C/C [E 120 C/C]
≤ Ø 315mm PVC-U & PVC-C	7.7 – 12.1mm	75 x 18.0mm (10 layers)	EI 120 C/C [E 120 C/C]
≤ Ø 400mm PVC-U & PVC-C	9.8 – 15.3mm	75 x 28.8mm (16 layers)	EI 120 C/C [E 120 C/C]

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services should not exceed 60% of the penetration



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- For fire classifications please see the table on the left.
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414 & ETA 19/0406



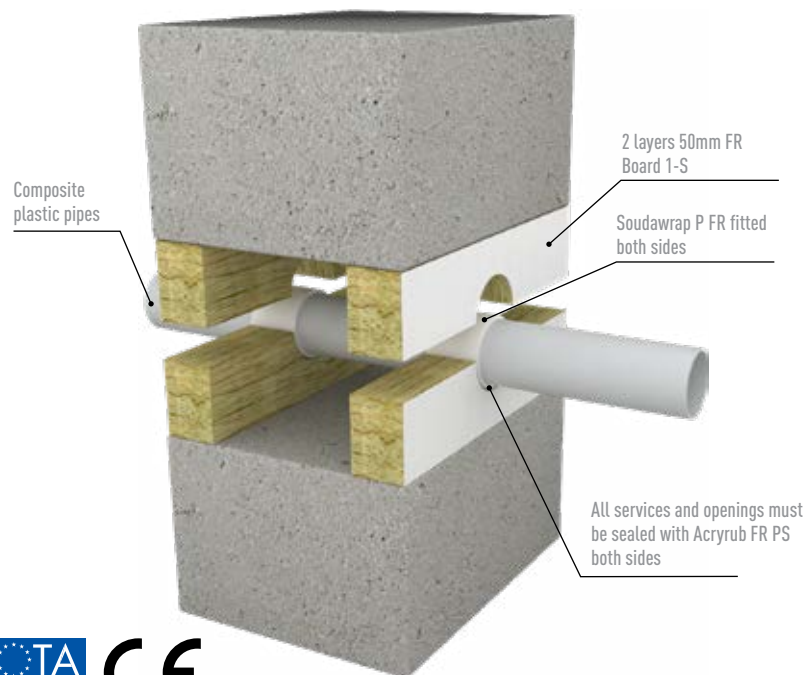
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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR 25m

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

**Maximum aperture unlimited
width by 1200mm high**



Services	Pipe Wall Thickness	FR Pipe Wrap	Classification
Ø 32mm Aquatherm Green SDR9 pipes	50 x 1.8mm (1 layer)	EI 90 C/C (E 120 C/C)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm Aquatherm Green SDR9 pipes	50 x 3.6mm (2 layers)	EI 90 C/C (E 120 C/C)	EI 120 U/U (E 120 U/U)
≤ Ø 50mm BluePower pipes	50 x 3.6mm (2 layers)	EI 90 U/U (E 90 U/U)	EI 120 U/U (E 120 U/U)
≤ Ø 110mm BluePower pipes	50 x 3.6mm (2 layers)	EI 90 C/U (E 90 C/U)	EI 90 U/C (E 120 U/C)
≤ Ø 50mm Geberit Silent-PP pipes	50 x 3.6mm (2 layers)	EI 120 U/U (E 120 U/U)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm Geberit Silent-PP pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)	EI 90 U/U (E 90 U/U)
≤ Ø 50mm Polo-Kal NG pipes	50 x 3.6mm (2 layers)	EI 120 U/U (E 120 U/U)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm Polo-Kal NG pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)	EI 90 U/C (E 120 U/C)
Ø 125mm Polo-Kal NG pipes	50 x 7.2mm (4 layers)	EI 120 U/C (E 120 U/C)	EI 90 U/C (E 120 U/C)
Ø 160mm Polo-Kal NG pipes	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)	EI 90 U/C (E 120 U/C)
≤ Ø 50mm Rehau Raupiano Plus pipes	50 x 3.6mm (2 layers)	EI 120 U/U (E 120 U/U)	EI 90 U/C (E 120 U/C)
≤ Ø 110mm Rehau Raupiano Plus pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)	EI 90 U/C (E 120 U/C)
Ø 125mm Rehau Raupiano Plus pipes	50 x 7.2mm (4 layers)	EI 120 U/C (E 120 U/C)	EI 90 C/C (E 90 C/C)
Ø 160mm Rehau Raupiano Plus pipes	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)	EI 90 C/C (E 90 C/C)
≤ Ø 50mm Wavin SiTech pipes	50 x 3.6mm (2 layers)	EI 90 U/U (E 120 U/U)	EI 90 C/C (E 90 C/C)
≤ Ø 110mm Wavin SiTech pipes	50 x 3.6mm (2 layers)	EI 60 U/C (E 120 U/C)	EI 90 C/C (E 90 C/C)

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services should not exceed 60% of the penetration



PRODUCTS

Soudal Fire Board Pro
Acryrub FR PS
Soudawrap P FR 25m

APPLICATION

Fire stopping of composite plastic pipes in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- For fire classifications please see the table on the left.
- Sound reduction (seal only)
52 dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0414 & ETA 19/0406



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INSTALLATION INSTRUCTIONS

Soudal Fire Board Pro & Acryrub FR PS & Soudawrap P FR

1. Before installing Soudal Fire Board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
3. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
4. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
5. Soudal Fire Board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high

Soudawrap P FR 2 layers of
50mm wide fitted both sides

2 layers 50mm FR Board
1-S

Plastic pipes

Cables
≤ Ø14mm single or in a
bundle

All services and openings must
be sealed with Acryrub FR PS
both sides

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudal Fire Board Pro

Acryrub FR PS

Soudawrap P FR

APPLICATION

Fire stopping of conduits in rigid walls

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of $\geq 650 \text{ kg/m}^3$

FIRE & SOUND CLASSIFICATION

- Conduits of PVC-U & PVC-C pipes $\leq \text{Ø}110\text{mm}$ with wall thickness 2.7-6.6mm
EI 90 U/C & E 120 U/C
- Conduits of PE, ABS & SAN+PVC pipes $\leq \text{Ø}110\text{mm}$ with wall thickness 4.2-10.0mm
EI 90 U/C & E 120 U/C
- Conduits of PP pipes $\leq \text{Ø}110\text{mm}$ with wall thickness 2.7-15.1mm
EI 90 U/C & E 120 U/C
- Sound reduction (seal only) 52 dB

CERTIFICATION:

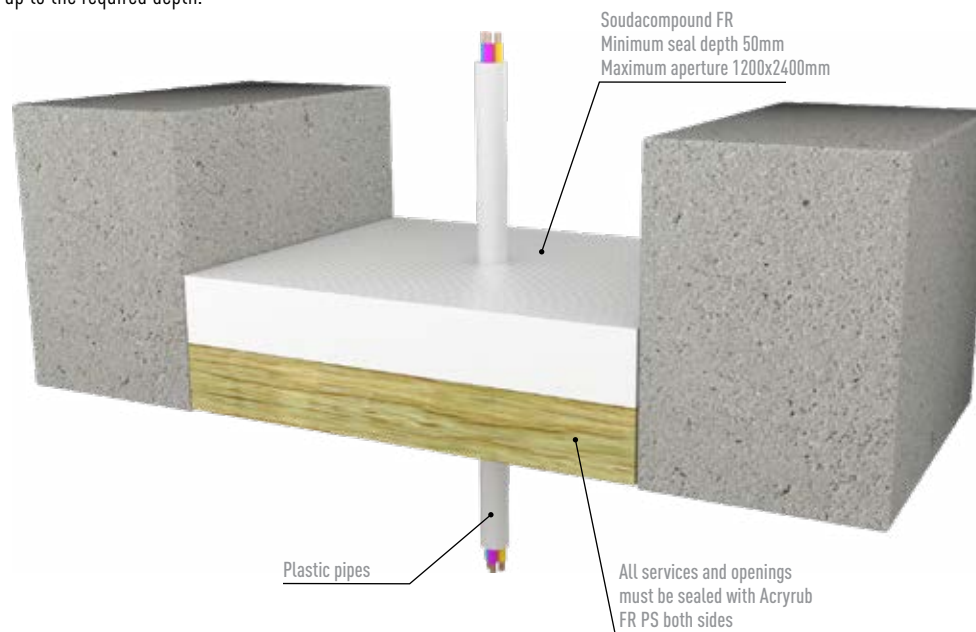
ETA 19/0409 & ETA 19/0414 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

**Maximum aperture unlimited
width by 1200mm high**



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of cables and conduits in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$
EI 90 & E 180
- Cables $\leq \varnothing 21\text{mm}$ in tied bundles $\leq \varnothing 100\text{mm}$
and PVC conduits (C/U) $\leq \varnothing 16\text{mm}$
EI 180 & E 180
- Non-sheathed cables/wires $\leq \varnothing 17\text{mm}$
EI 60 & E 180
- Sound reduction (seal onl)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

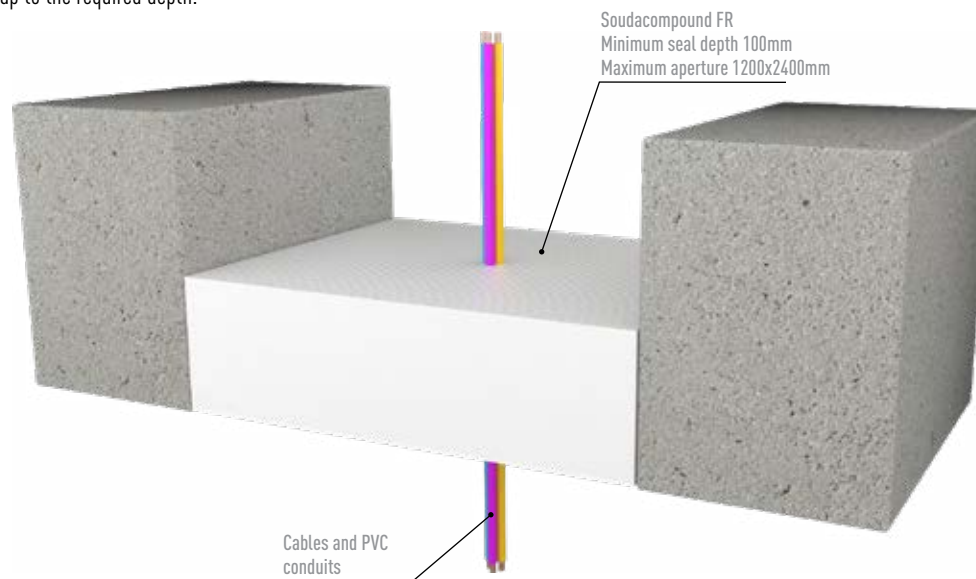
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of cables and conduits in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21\text{mm}$
EI 90 & E 180
- Cables $\leq \varnothing 21\text{mm}$ in tied bundles $\leq \varnothing 100\text{mm}$ and PVC conduits (C/U) $\leq \varnothing 16\text{mm}$
EI 180 & E 180
- Cables $\leq \varnothing 50\text{mm}$, single or bundled
EI 60 & E 180
- Cables $\leq \varnothing 80\text{mm}$, single or bundled
EI 60 & E 120
- Non-sheathed cables/wires $\leq \varnothing 17\text{mm}$
EI 60 & E 180
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

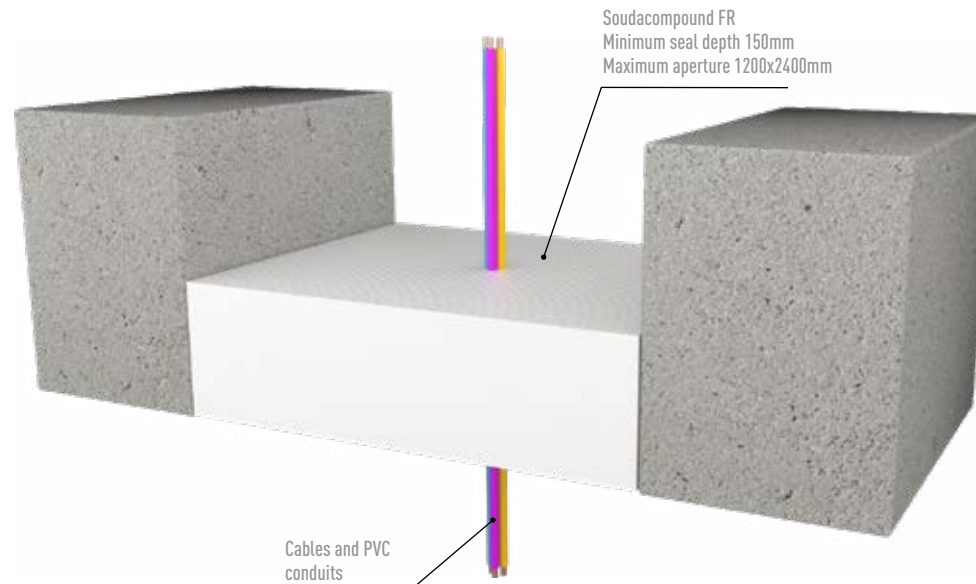
**Maximum aperture unlimited
width by 1200mm high**

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of cables and conduits in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Cables ≤ Ø21mm, single
EI 120 & E 240
- Cables ≤ Ø21mm in tied bundles ≤ Ø100mm and PVC conduits (C/U) ≤ Ø16mm
EI 180 & E 180
- Cables ≤ Ø50mm, single or bundled
EI 90 & E 240
- Cables ≤ Ø80mm, single or bundled
EI 60 & E 120
- Unsheathed wires/cables ≤ Ø24 mm
EI 120 & E 120
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0411

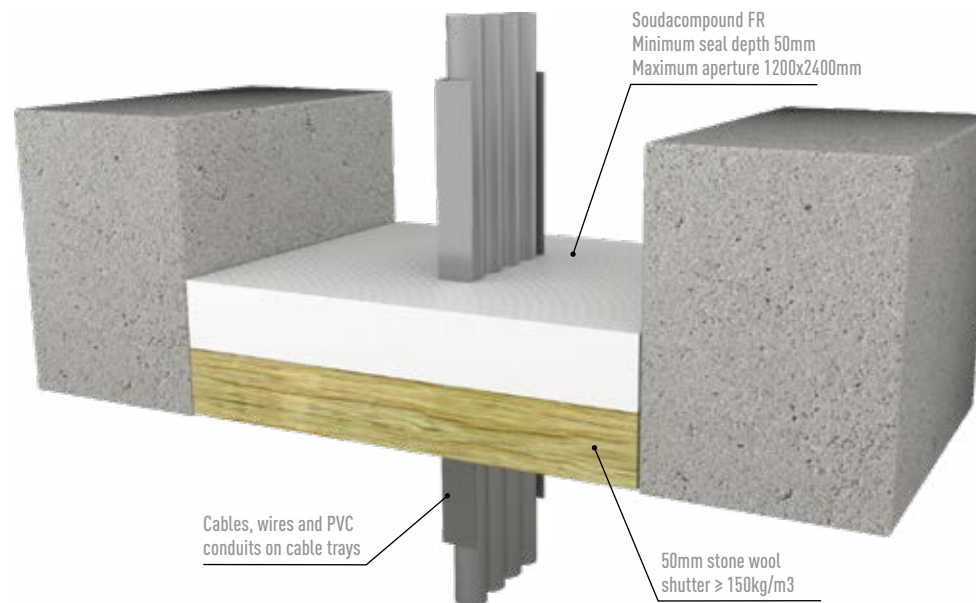


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INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of cables, wires and conduits on cable trays in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Cables ≤ Ø21mm, single or bundled on trays
EI 60 & E 180
- Cables ≤ Ø21mm, single or bundled, non-sheathed cables/wires ≤ Ø17mm and PVC conduits (C/U) ≤ Ø16mm on trays or ladders
EI 60 & E 90
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

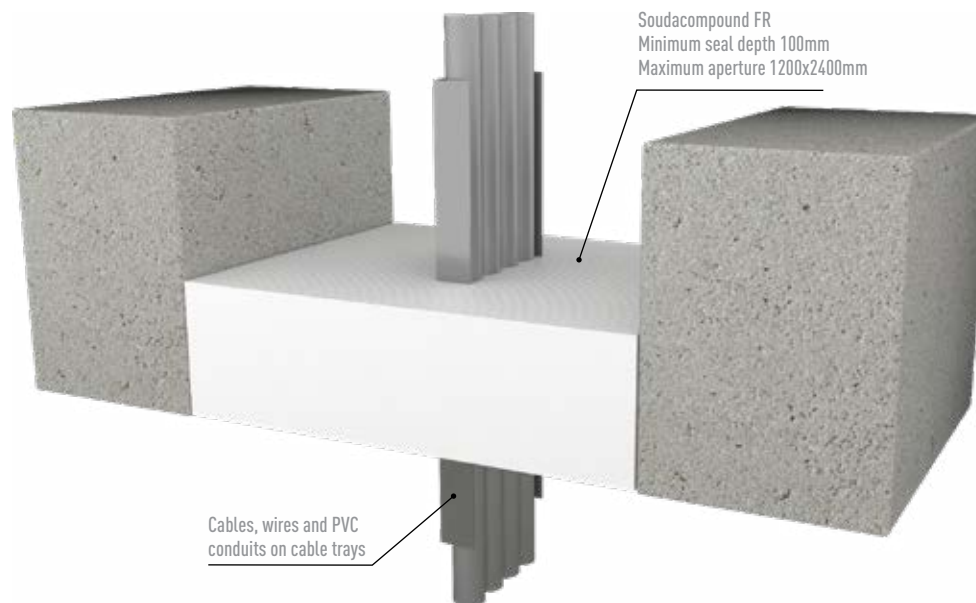
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of cables, wires and conduits on cable trays in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Cables ≤ Ø50mm, single or bundled, non-sheathed cables/wires ≤ Ø17mm and PVC conduits ≤ Ø16mm (C/U) on trays
EI 60 & E 180
- Cables ≤ Ø80mm, single or bundled, non-sheathed cables/wires ≤ Ø17mm and PVC conduits ≤ Ø16mm (C/U) on trays or ladders
EI 60 & E 120
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR

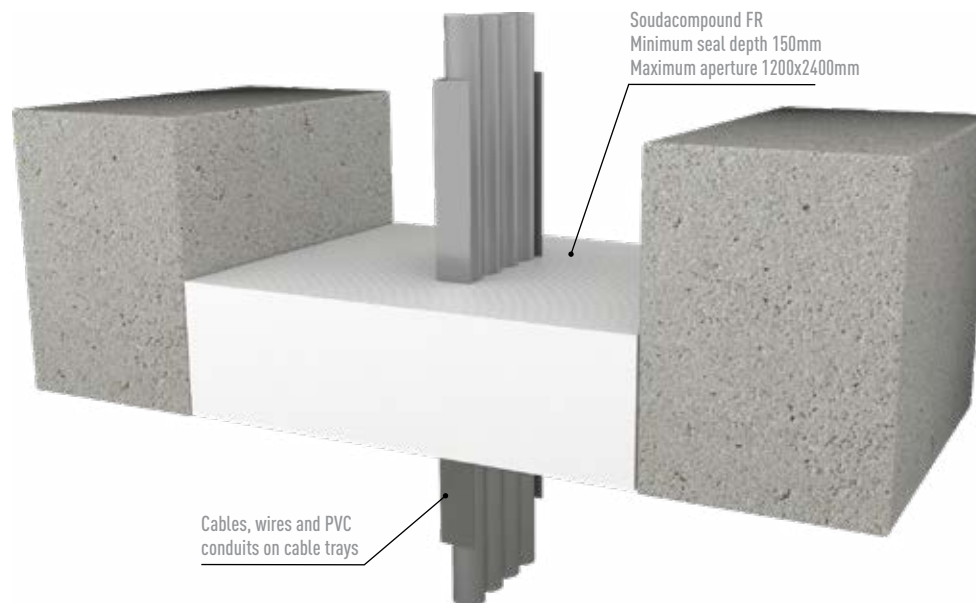
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of cables, wires and conduits on cable trays in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Cables $\leq \varnothing 21$ mm, single or bundled on trays or ladders ≤ 500 mm wide
EI 120 & E 240
- Cables $\leq \varnothing 80$ mm, single or bundled on trays or ladders
EI 60 & E 120
- PVC conduits $\leq \varnothing 16$ mm (C/U) on trays or ladders ≤ 500 mm wide
EI 120 & E 180
- Unsheathed wires/cables $\leq \varnothing 24$ mm on trays or ladders ≤ 500 mm wide
EI 120 & E 120
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0411

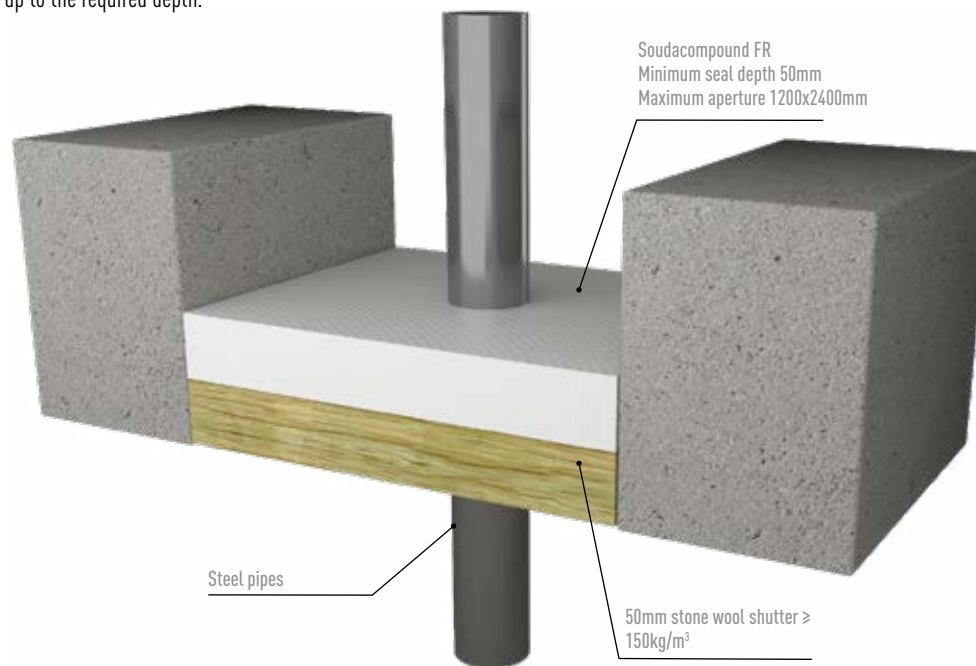


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INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS.
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of un-insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø16mm
EI 180 C/U & E 180 C/U
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

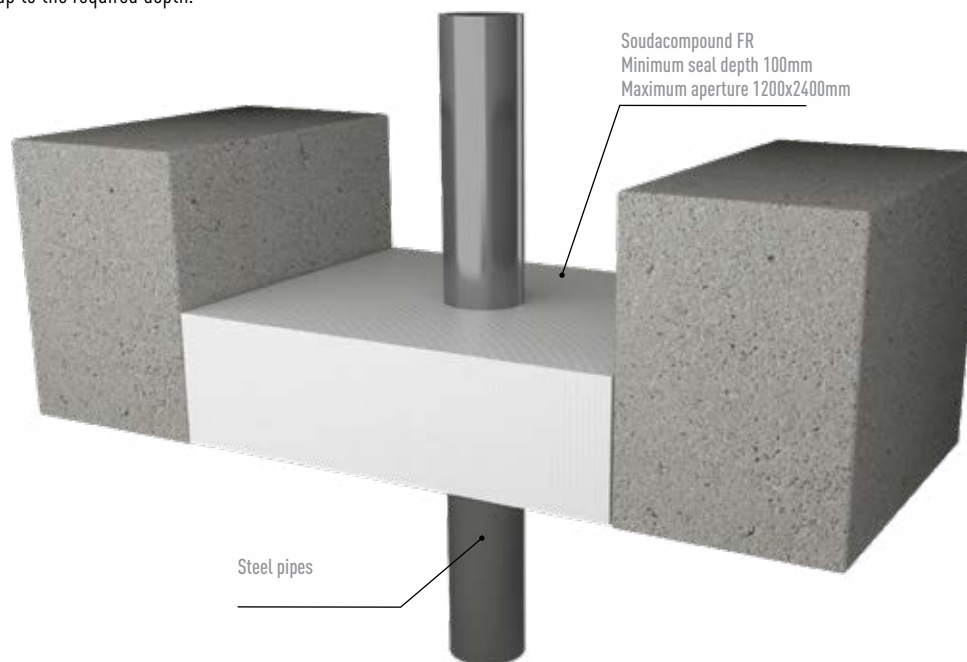
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of un-insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø16mm
EI 240 C/U & E 240 C/U
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

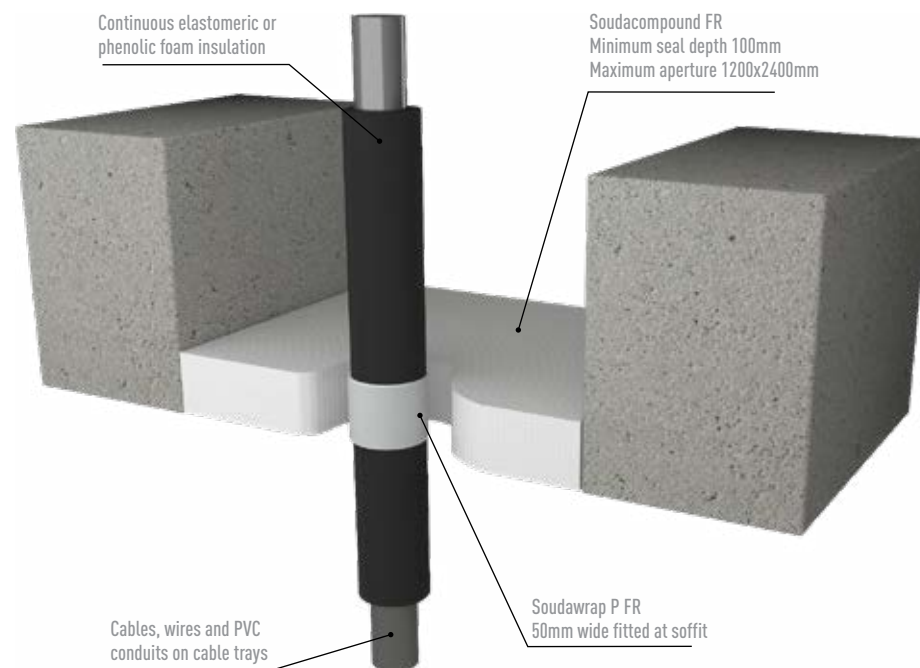
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and Limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with 13mm continuous foam insulation and 1 layer of pipe wrap EI 180 C/U & E 180 C/U
- Steel pipes $\leq \varnothing 40\text{mm}$ with 14-25mm continuous foam insulation and 2 layers of pipe wrap EI 180 C/U & E 180 C/U
- Steel pipes $\leq \varnothing 165\text{mm}$ with 14 - 19mm continuous foam insulation and 1 layer of pipe wrap EI 120 C/U & E 180 C/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with 25mm continuous foam insulation and 2 layers of pipe wrap EI 120 C/U & E 180 C/U
- Steel pipes $\leq \varnothing 324\text{mm}$ with 26 - 50mm continuous foam insulation and 3 layers of pipe wrap EI 120 C/U & E 120 C/U
- Sound reduction (seal only) 48dB

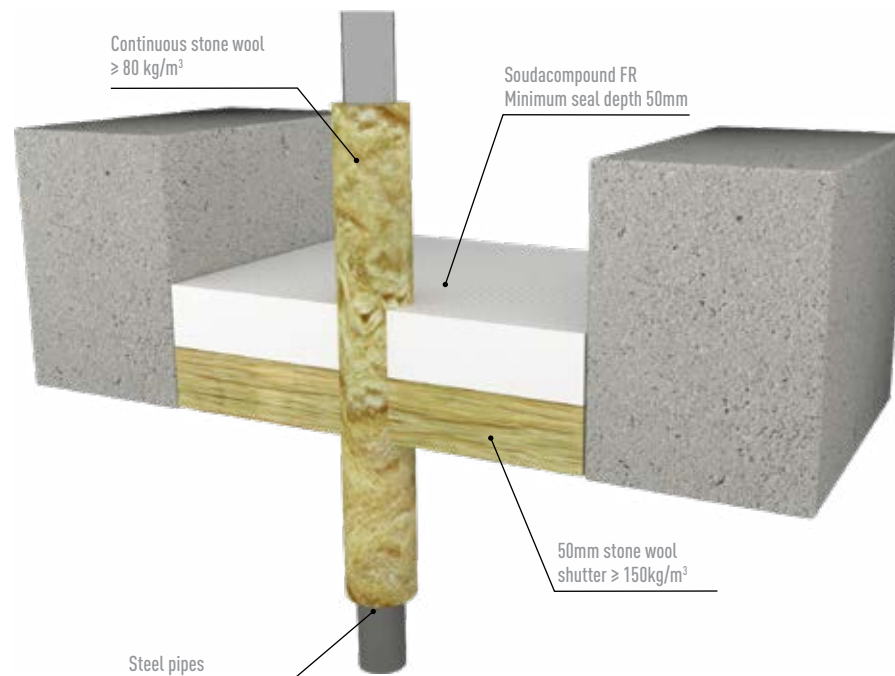
CERTIFICATION:

ETA 19/0411 & ETA 19/0406

INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø324mm with 20-80mm thick stone wool insulation in maximum apertures 1200 x 2400mm
EI 180 C/U & E 180 C/U
- Steel pipes ≤ Ø324mm with 20-80mm thick stone wool insulation in maximum apertures 550 x 1100mm
EI 240 C/U & E 240 C/U
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

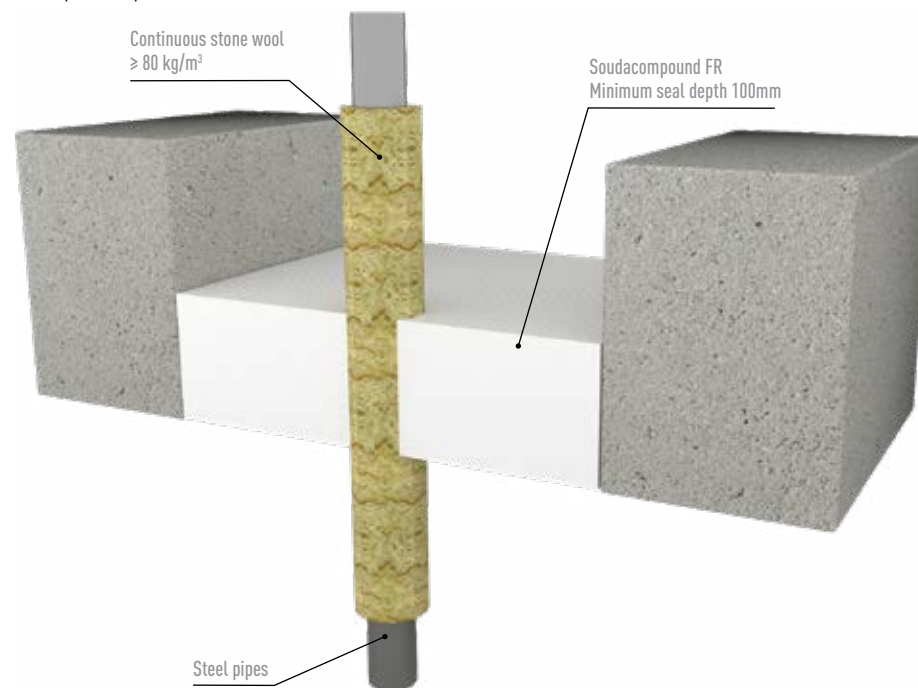
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and Limitations

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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø324mm with 20-80mm thick stone wool insulation in maximum apertures 1200 x 2400mm
EI 240 C/U & E 240 C/U
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR

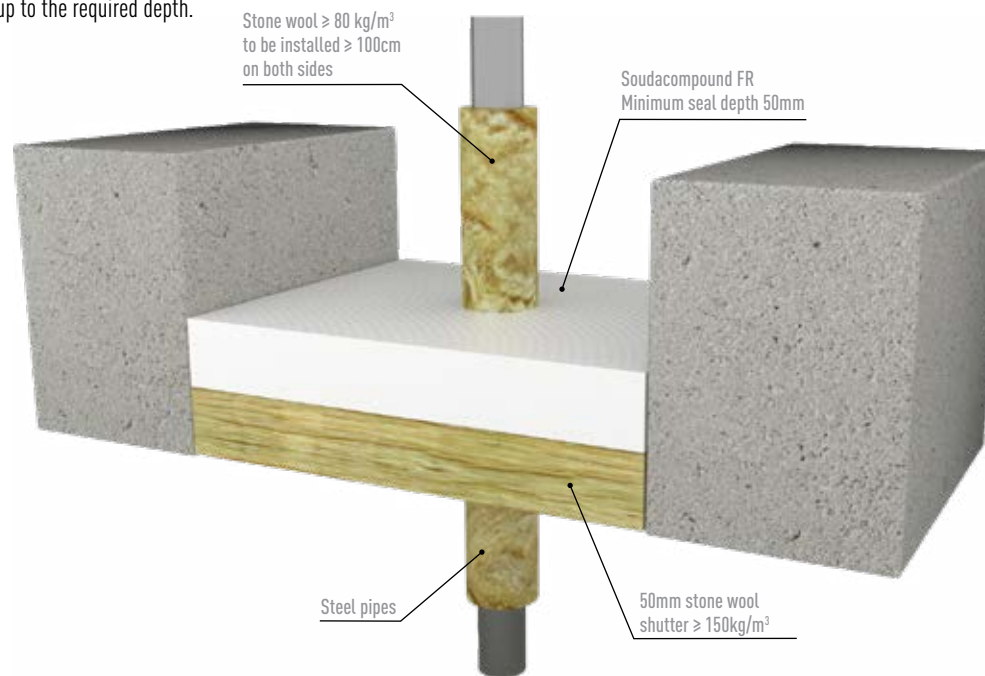
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3 .

FIRE & SOUND CLASSIFICATION

- Steel pipes $\leq \varnothing 40\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum apertures 1200 x 2400mm
EI 240 C/U & E 240 C/U
- Steel pipes $\leq \varnothing 219\text{mm}$ with $\geq 30\text{mm}$ stone wool insulation in maximum apertures 1200 x 2400mm
EI 120 C/U & E 240 C/U
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR

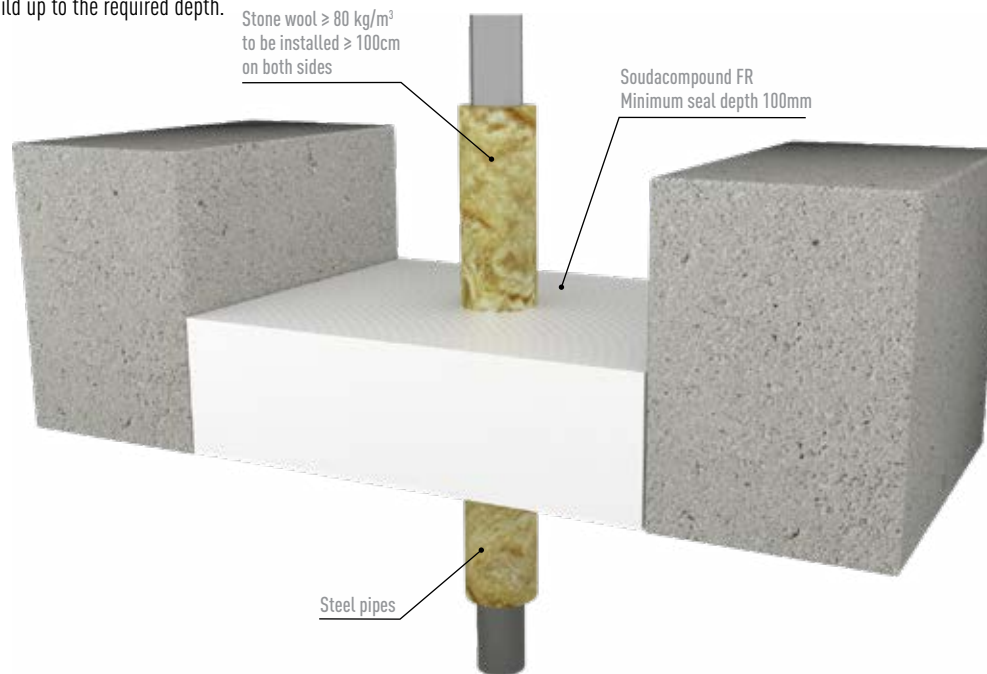
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
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Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated steel pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Steel pipes ≤ Ø40mm with ≥ 20mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 240 C/U & E 240 C/U
- Steel pipes ≤ Ø219mm with ≥ 30mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 120 C/U & E 240 C/U
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411

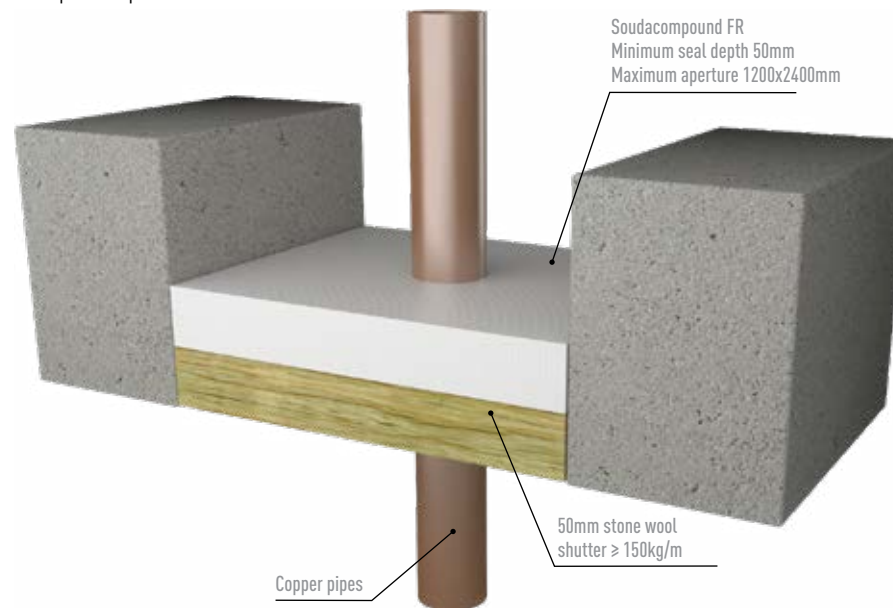


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INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS.
6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of un-insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3 .

FIRE & SOUND CLASSIFICATION

- Copper pipes $\varnothing 6\text{mm}$
EI 120 C/C & E 180 C/C
- Copper pipes $\leq \varnothing 15\text{mm}$
EI 30 C/C & E 180 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

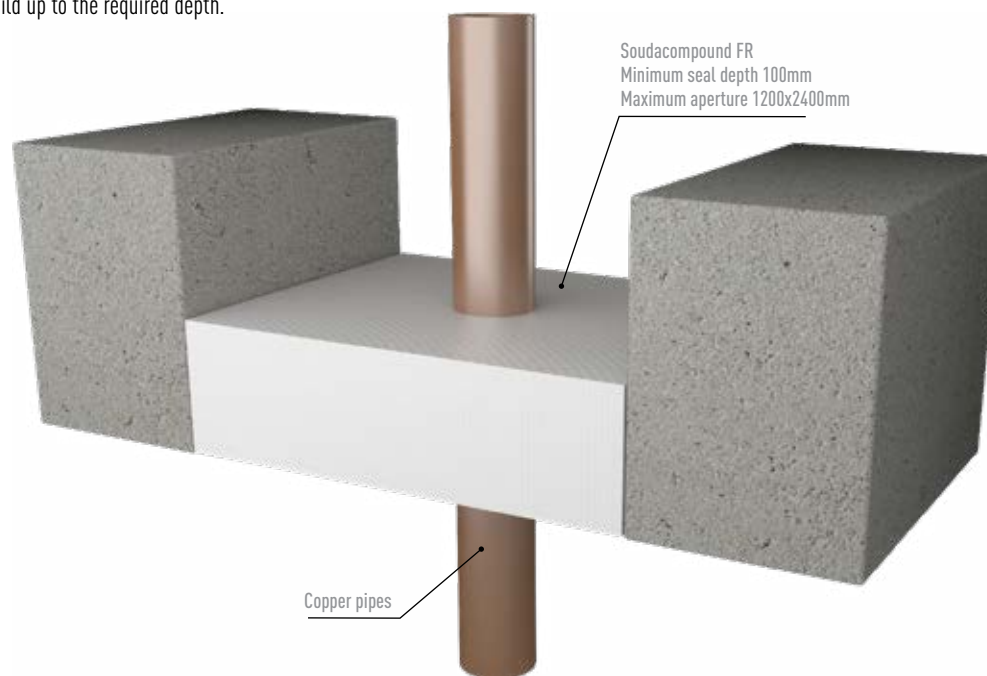
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of un-insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Copper pipes Ø6mm
EI 120 C/C & E 180 C/C
- Copper pipes ≤ Ø15mm
EI 30 C/C & E 180 C/C
- Copper pipes ≤ Ø54mm
EI 20 C/C & E 120 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

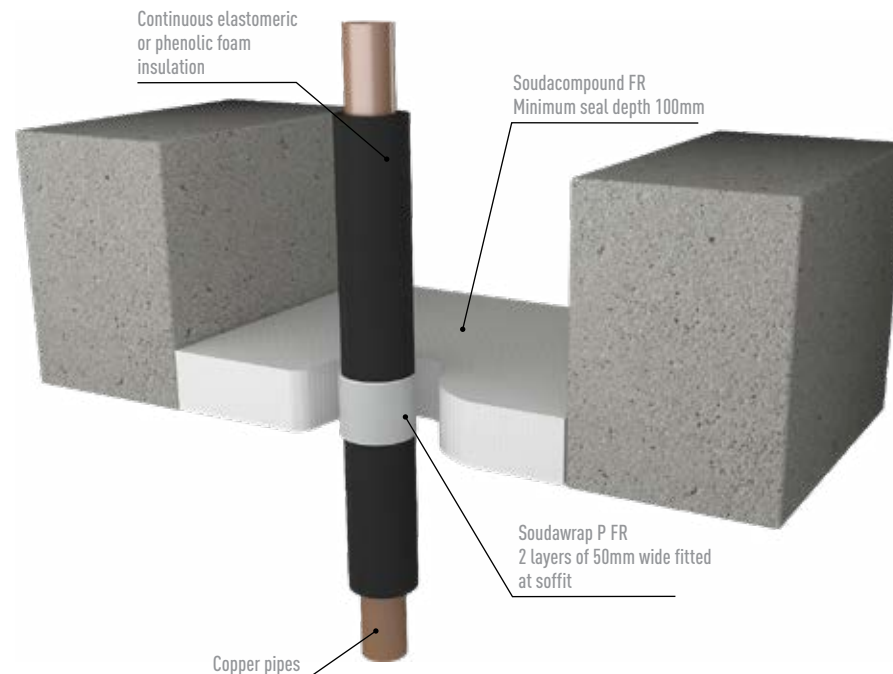
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipes $\leq \varnothing 12\text{mm}$ with 9mm foam insulation in maximum apertures 1200 x 2400mm
EI 240 C/C & E 240 C/C
- Copper pipes $\leq \varnothing 54\text{mm}$ with 13 - 25mm foam insulation in maximum apertures 1200 x 2400mm
EI 60 C/C & E 240 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411 & ETA 19/0406

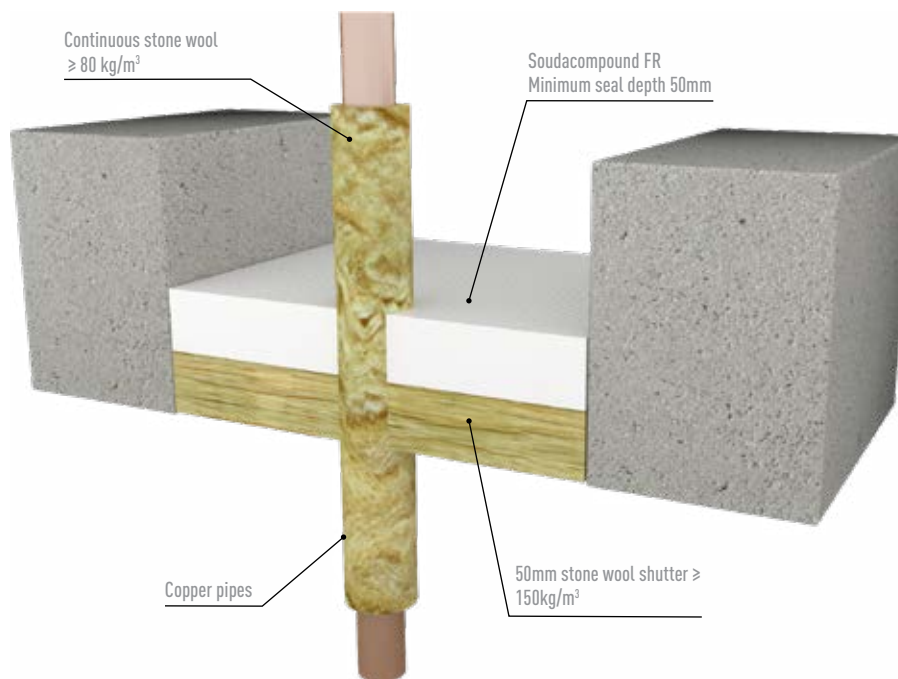


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INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Minimum separations and limitations

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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipes ≤ Ø54mm with 20-80mm thick stone wool insulation in maximum apertures
1200 x 2400mm
EI 120 C/C & E 180 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

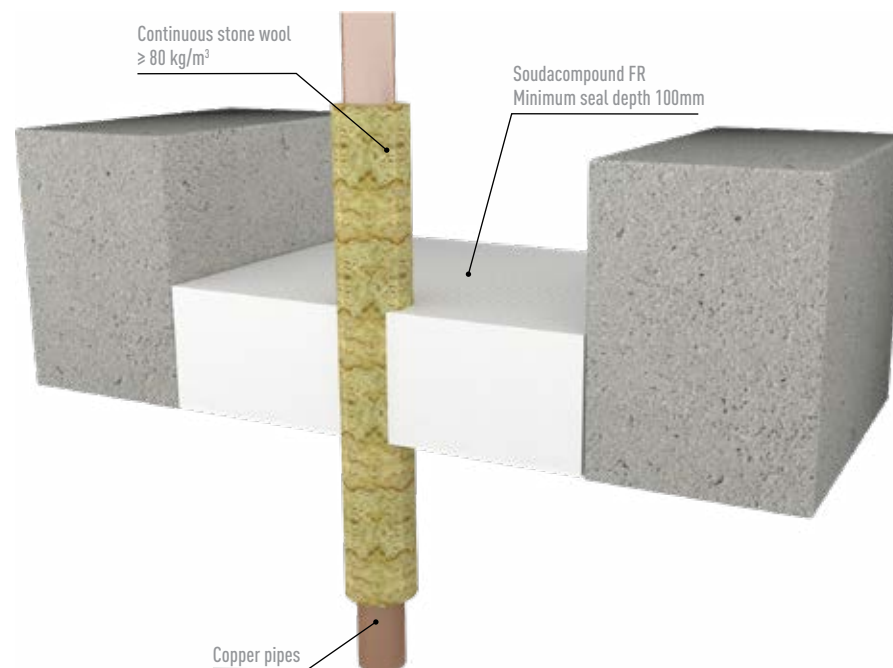
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Copper pipes ≤ Ø54mm with 20-80mm thick stone wool insulation in maximum apertures 1200 x 2400mm
EI 120 C/C & E 180 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

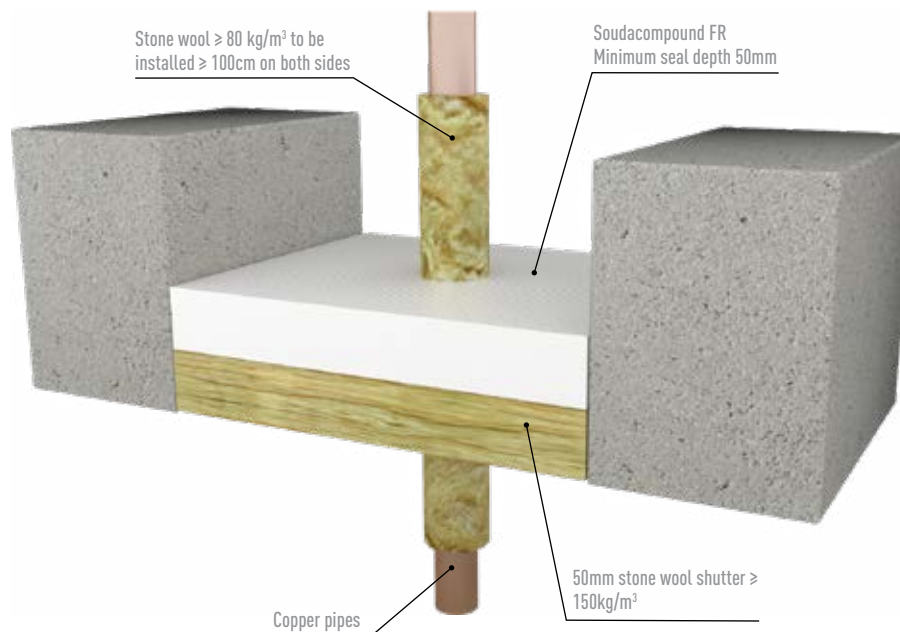
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Copper pipes ≤ Ø12mm with ≥ 20mm stone wool insulation in maximum apertures 70 x 70mm
EI 240 C/C & E 240 C/C
- Copper pipes ≤ Ø54mm with ≥ 20mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 180 C/C & E 180 C/C
- Copper pipes ≤ Ø54mm with ≥ 20mm stone wool insulation in maximum apertures 115 x 115mm
EI 180 C/C & E 240 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

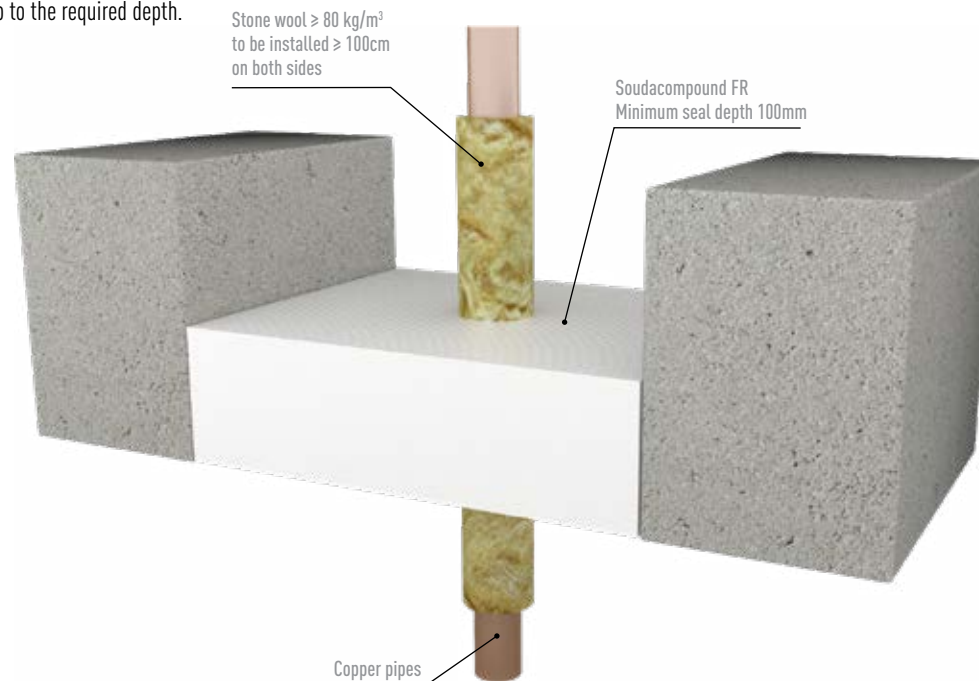
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated copper pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Copper pipes ≤ Ø12mm with ≥ 20mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 240 C/C & E 240 C/C
- Copper pipes ≤ Ø54mm with ≥ 20mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 180 C/C & E 240 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411

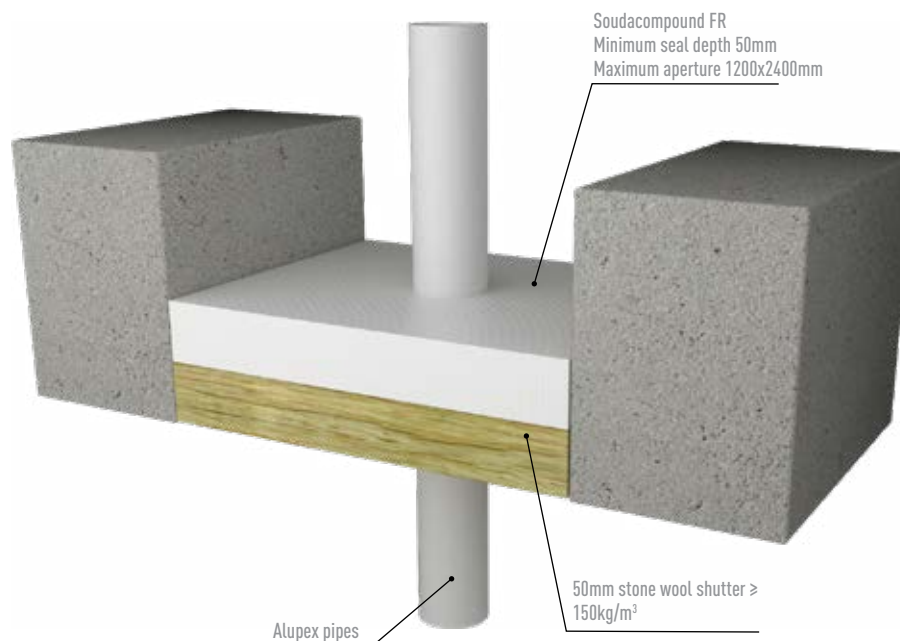
INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal pipes passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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6. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of un-insulated alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3 .

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 20\text{mm}$
EI 180 C/C & E 180 C/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0409 & 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR

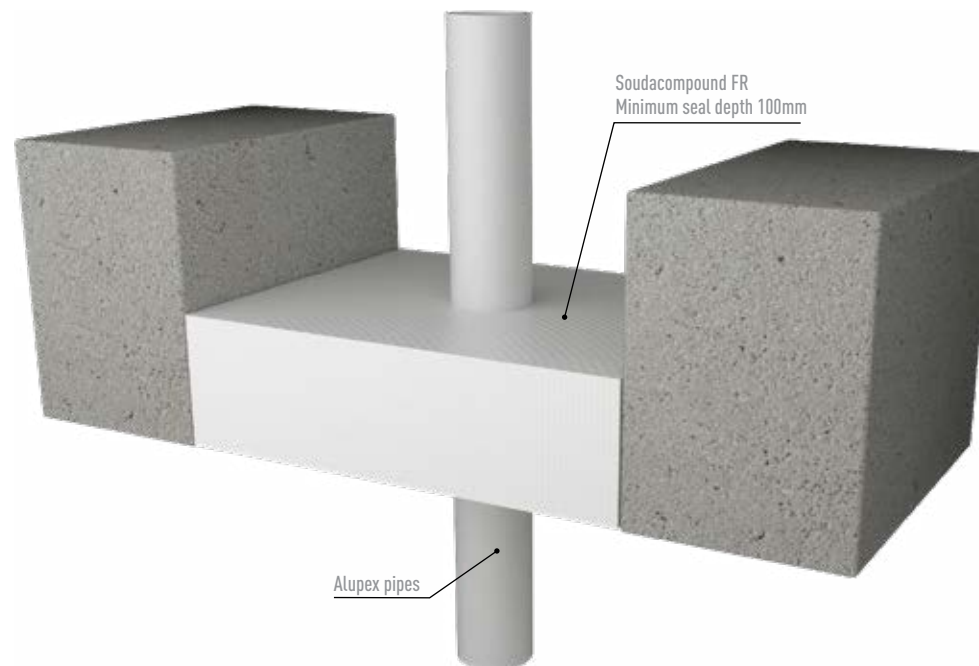
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
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6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of un-insulated alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Alupex pipes ≤ Ø20mm in maximum apertures 1200 x 2400mm
EI 180 C/C & E 180 C/C
- Alupex pipes ≤ Ø75mm in maximum apertures 1200 x 2400mm
EI 120 U/C & E 240 U/C
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411



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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

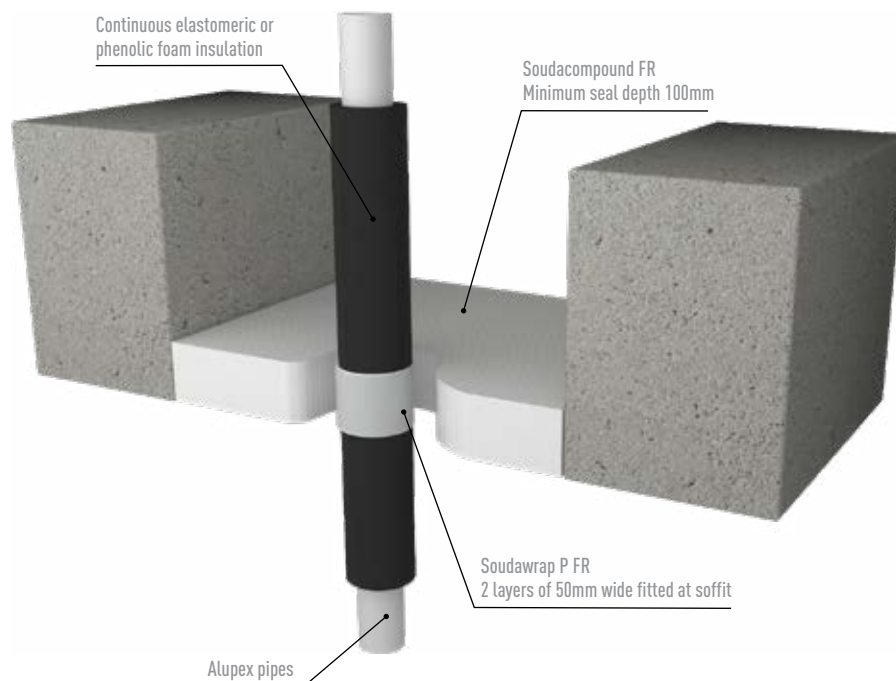
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and Limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of insulated alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Alupex pipes ≤ Ø16mm with 9mm foam insulation in maximum apertures 1200 x 2400mm
EI 240 C/C & E 240 C/C
- Alupex pipes ≤ Ø75mm with 13 - 25mm foam insulation in maximum apertures 1200 x 2400mm
EI 90 C/C & E 180 C/C
- Alupex pipes ≤ Ø75mm with 9 - 13mm foam insulation in maximum apertures 1200 x 2400mm
EI 90 C/C & E 240 C/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

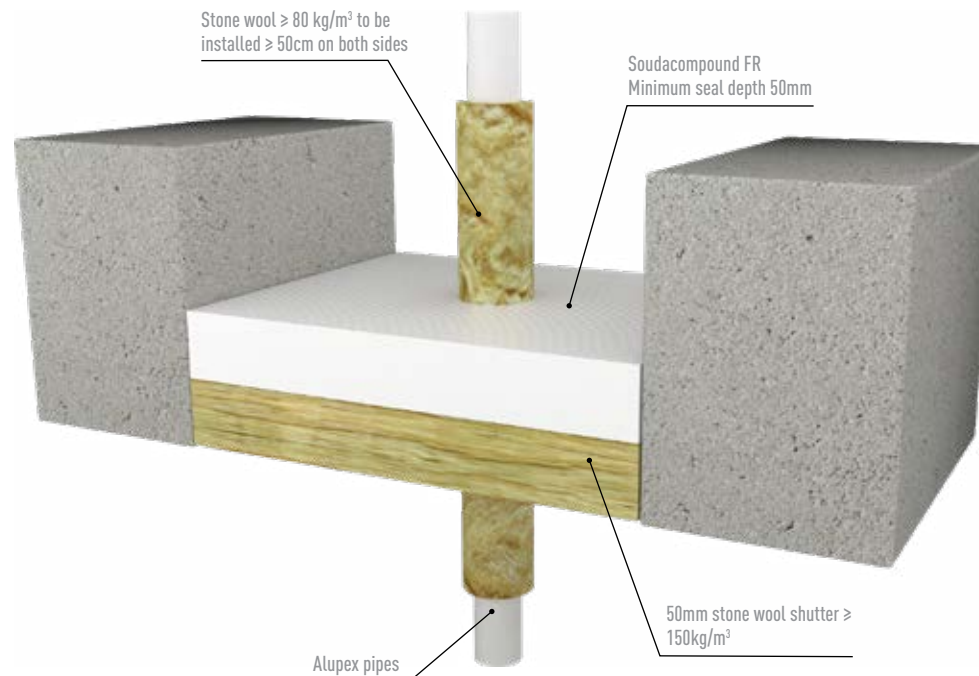


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INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m^3 .

FIRE & SOUND CLASSIFICATION

- Alupex pipes $\leq \varnothing 16\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum apertures $135 \times 135\text{mm}$
EI 240 C/C & E 240 C/C
- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum apertures $1200 \times 2400\text{mm}$
EI 180 C/C & E 180 C/C
- Alupex pipes $\leq \varnothing 75\text{mm}$ with $\geq 20\text{mm}$ stone wool insulation in maximum apertures $135 \times 135\text{mm}$
EI 180 C/C & E 240 C/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

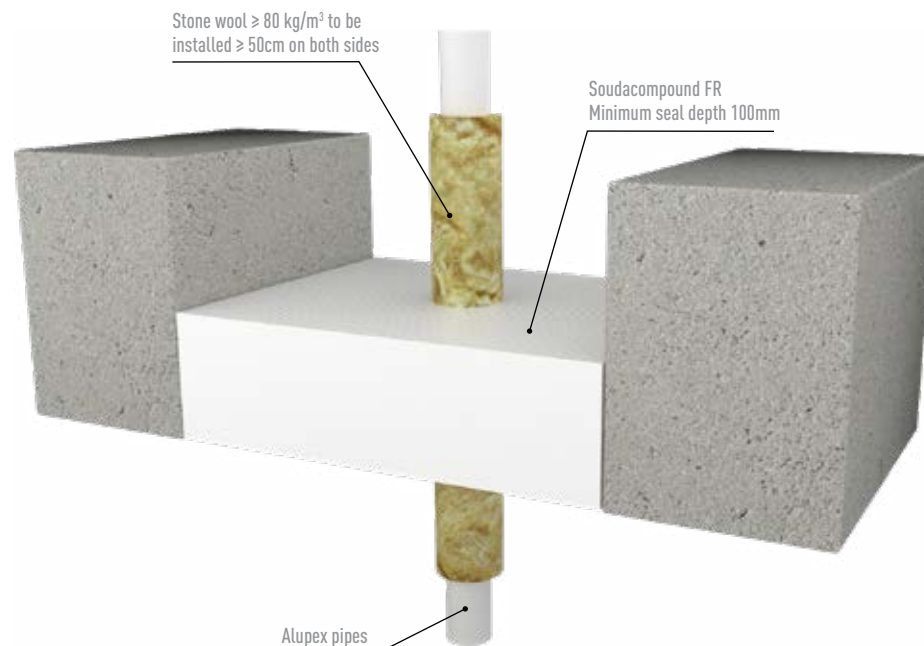
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Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of insulated alupex pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- Alupex pipes ≤ Ø16mm with ≥ 20mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 240 C/C & E 240 C/C
- Alupex pipes ≤ Ø75mm with ≥ 20mm stone wool insulation in maximum apertures 1200 x 2400mm
EI 180 C/C & E 240 C/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0411

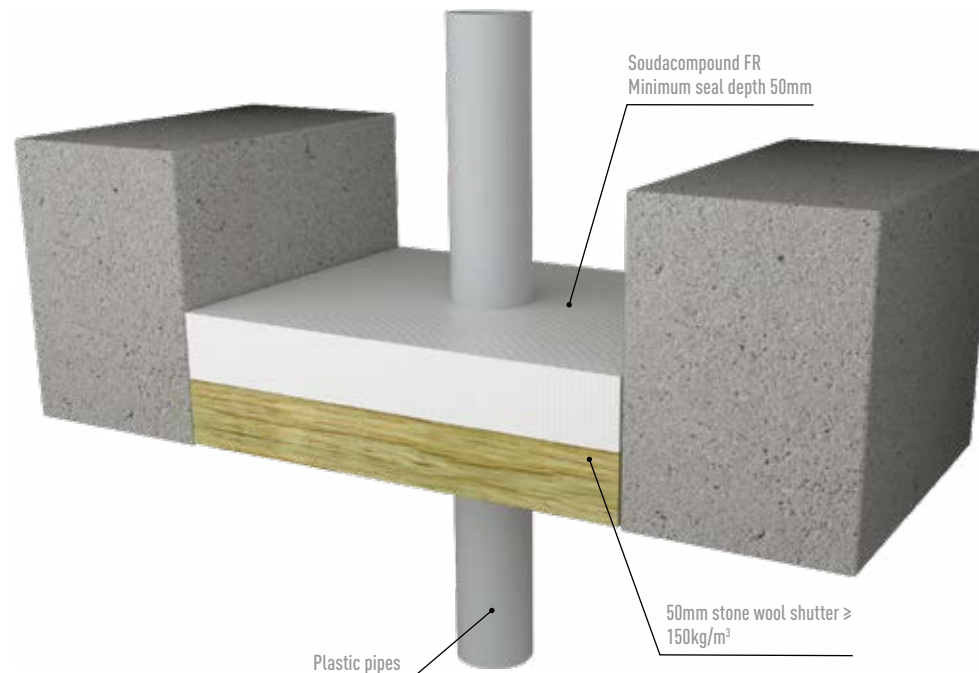


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PRODUCTS

Soudacompound FR
Stone wool shutter

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- PVC-U & PVC-C plastic pipes ≤ Ø40mm in maximum apertures 1200 x 2400mm
EI 120 U/C & E 120 U/C
- PEX pipe-in-pipes ≤ Ø25mm in maximum apertures 1200 x 2400mm
EI 180 C/C & E 180 C/C
- PEX pipe-in-pipes ≤ Ø25mm in maximum apertures 550 x 1100mm
EI 240 C/C & E 240 C/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0409 & ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR

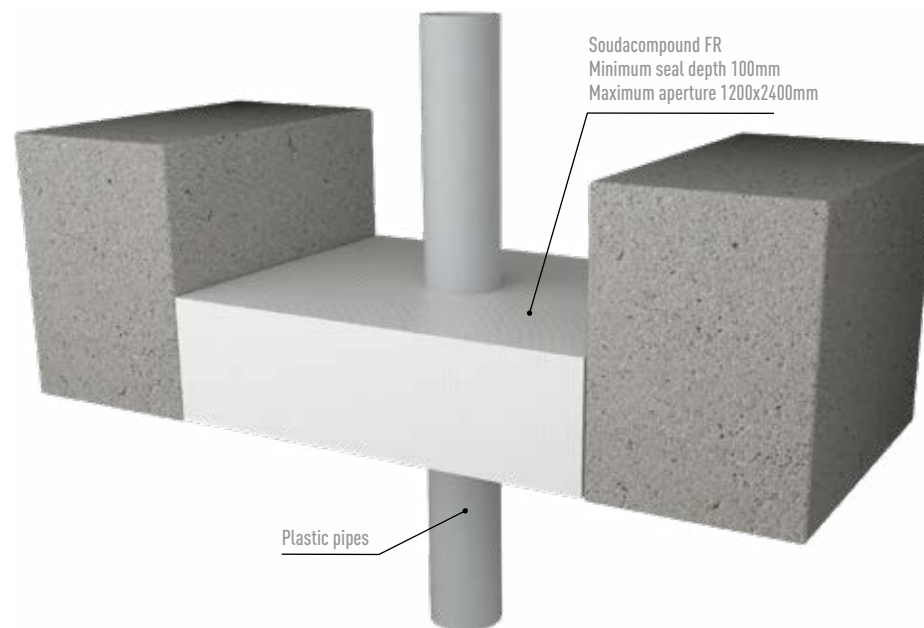
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Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

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PRODUCTS

Soudacompound FR

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- PE, ABS, SAN+PVC & PP plastic pipes ≤ Ø40mm
EI 120 U/C & E 120 U/C
- PVC-U & PVC-C plastic pipes ≤ Ø40mm
EI 120 U/C & E 120 U/C
- PEX pipe-in-pipes ≤ Ø25mm
EI 240 C/C & E 240 C/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

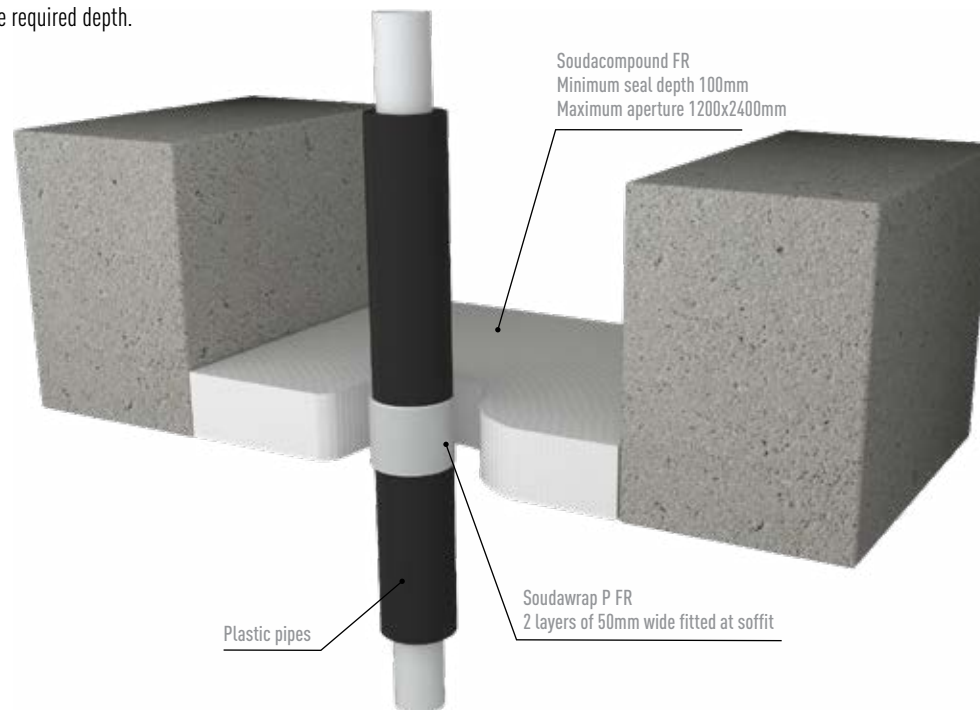
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6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

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PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³.

FIRE & SOUND CLASSIFICATION

- PEX pipe-in-pipes ≤ Ø54mm
EI 120 C/C & E 120 C/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0411 & ETA 19/0406



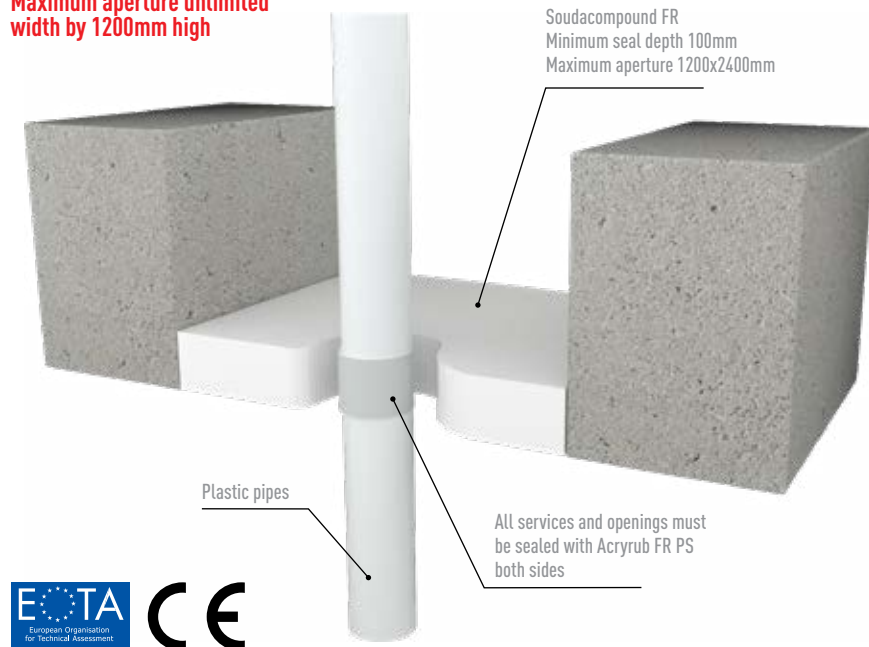
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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

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6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture unlimited
width by 1200mm high



Services	Pipe Wall Thickness	Pipe Wrap	Classification
≤ Ø40mm PVC-U & PVC-C	1.8 – 3.7mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 180 U/U)
≤ Ø40mm PE, ABS & SAN+PVC	2.4 – 3.7mm	50 x 1.8mm (1 layer)	EI 240 U/U (E 240 U/U)
≤ Ø40mm PP	1.8 – 5.5mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø110mm PVC-U & PVC-C	1.9 – 6.6mm	50 x 3.6mm (2 layers)	EI 240 U/C (E 240 U/C)
≤ Ø110mm PE, ABS & SAN+PVC	2.5 – 10.0mm	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
≤ Ø110mm PP	1.9 – 6.3mm	50 x 3.6mm (2 layers)	EI 240 U/C (E 240 U/C)
≤ Ø125mm PVC-U & PVC-C	3.5 – 7.4mm	50 x 7.2mm (4 layers)	EI 120 U/C (E 120 U/C)
≤ Ø125mm PE, ABS & SAN+PVC	3.9 – 11.4mm	50 x 7.2mm (4 layers)	EI 240 U/C (E 240 U/C)
≤ Ø125mm PP	3.4 – 11.4mm	50 x 7.2mm (4 layers)	EI 240 U/C (E 240 U/C)
≤ Ø160mm PVC-U & PVC-C	4.5 – 9.5mm	50 x 10.8mm (6 layers)	EI 90 C/C (E 90 C/C)
≤ Ø160mm PVC-U & PVC-C	4.5mm	50 x 10.8mm (6 layers)	EI 240 C/C (E 240 C/C)
≤ Ø160mm PVC-U & PVC-C	9.5mm	50 x 10.8mm (6 layers)	EI 90 U/C (E 90 U/C)
≤ Ø160mm PE, ABS & SAN+PVC	4.9 – 14.6mm	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)
≤ Ø160mm PP	4.9 – 14.6mm	50 x 10.8mm (6 layers)	EI 240 U/C (E 240 U/C)
≤ Ø250mm PE, ABS & SAN+PVC	7.8mm	75 x 12.6mm (7 layers)	EI 180 C/C (E 180 C/C)

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

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PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
- Sound reduction (seal only)
48dB

CERTIFICATION:

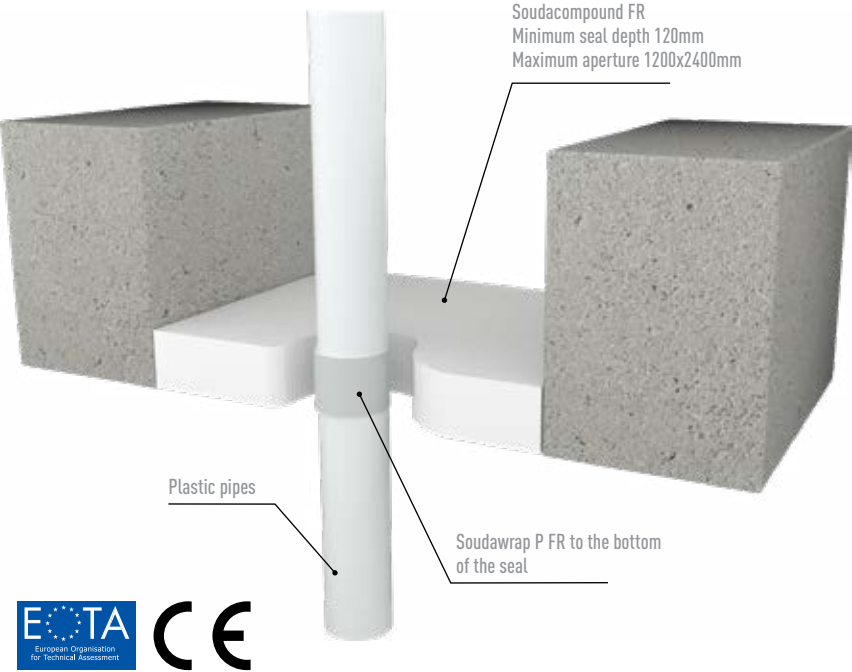
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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

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Services	Pipe Wall Thickness	Pipe Wrap	Classification
Ø160mm PVC-U & PVC-C	4.5 – 9.5mm	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)
≤ Ø200mm PP	4.9 – 18.2mm	75 x 10.8mm (6 layers)	EI 240 C/C (E 240 C/C)
≤ Ø315mm PVC-U & PVC-C	4.5 – 12.1mm	75 x 18.0mm (10 layers)	EI 90 C/C (E 90 C/C)
Ø315mm PVC-U & PVC-C	7.7mm	75 x 18.0mm (10 layers)	EI 120 C/C (E 120 C/C)

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

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PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411 & ETA 19/0406



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1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture unlimited
width by 1200mm high

Soudacompound FR
Minimum seal depth 100mm
Maximum aperture 1200x2400mm

Plastic pipes

Soudawrap P FR to the bottom
of the seal

Services	Pipe Wall Thickness	Pipe Wrap	Classification
≤ Ø40mm PVC-U & PVC-C	1.8 – 3.7mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 180 U/U)
≤ Ø40mm PE, ABS & SAN+PVC	2.4 – 3.7mm	50 x 1.8mm (1 layer)	EI 240 U/U (E 240 U/U)
≤ Ø40mm PP	1.8 – 5.5mm	50 x 1.8mm (1 layer)	EI 120 U/U (E 120 U/U)
≤ Ø110mm PVC-U & PVC-C	1.9 – 6.8mm	50 x 7.2mm (4 layers)	EI 60 U/U (E 60 U/U)
≤ Ø110mm PE, ABS & SAN+PVC	3.4 – 10.0mm	75 x 5.4mm (3 layers)	EI 240 U/U (E 240 U/U)
≤ Ø110mm PP	3.7 – 10.5mm	50 x 7.2mm (4 layers)	EI 240 U/U (E 240 U/U)
≤ Ø125mm PVC-U & PVC-C	1.9 – 7.4mm	50 x 7.2mm (4 layers)	EI 60 U/U (E 60 U/U)
Ø125mm PVC-U & PVC-C	7.4mm	50 x 7.2mm (4 layers)	EI 120 U/U (E 120 U/U)
Ø125mm PE, ABS & SAN+PVC	11.4mm	50 x 7.2mm (4 layers)	EI 240 U/U (E 240 U/U)
Ø125mm PP	11.4mm	50 x 7.2mm (4 layers)	EI 240 U/U (E 240 U/U)
Ø140mm PVC-U & PVC-C	6.5 – 8.3mm	75 x 10.8mm (6 layers)	EI 30 U/U (E 120 U/U)
Ø140mm PE, ABS & SAN+PVC	8.0 – 12.4mm	75 x 10.8mm (6 layers)	EI 120 U/U (E 240 U/U)
Ø140mm PP	12.8mm	75 x 7.2mm (4 layers)	EI 240 U/U (E 240 U/U)
Ø160mm PVC-U & PVC-C	9.5mm	75 x 7.2mm (4 layers)	EI 30 U/U (E 120 U/U)
≤ Ø160mm PE, ABS & SAN+PVC	4.9 – 14.6mm	75 x 7.2mm (4 layers)	EI 120 U/U (E 120 U/U)
≤ Ø160mm PE, ABS & SAN+PVC	3.9 – 14.6mm	75 x 18.0mm (10 layers)	EI 120 U/U (E 240 U/U)
Ø160mm PP	14.6mm	75 x 7.2mm (4 layers)	EI 240 U/U (E 240 U/U)
≤ Ø315mm PE, ABS & SAN+PVC	4.9 – 18.7mm	75 x 18.0mm (10 layers)	EI 60 C/C (E 60 C/C)
≤ Ø315mm PP	4.9 – 28.6mm	75 x 18.0mm (10 layers)	EI 60 C/C (E 60 C/C)
Ø315mm PP	7.7mm	75 x 18.0mm (10 layers)	EI 180 C/C (E 180 C/C)

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411 & ETA 19/0406

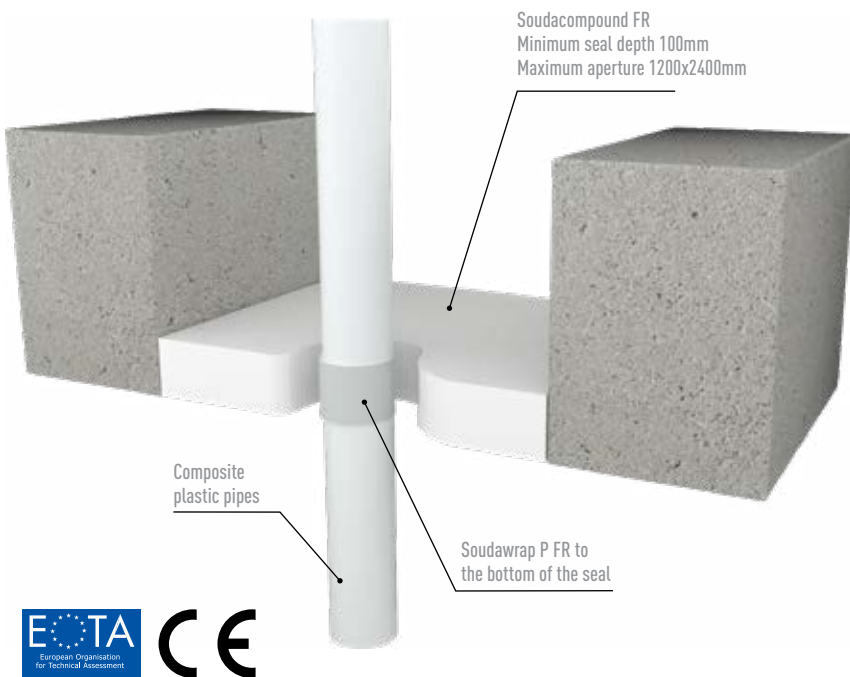


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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.



Services	Pipe Wrap	Classification
Ø 32mm Aquatherm Green SDR9 pipes	50 x 1.8mm (1 layer)	EI 240 C/C (E 240 C/C)
≤ Ø 110mm Aquatherm Green SDR9 pipes	50 x 3.6mm (2 layers)	EI 240 C/C (E 240 C/C)
≤ Ø 50mm Geberit Silent-PP pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 110mm Geberit Silent-PP pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 110mm Polo-Kal NG pipes	50 x 3.6mm (2 layers)	EI 180 U/C (E 180 U/C)
Ø 125mm Polo-Kal NG pipes	50 x 7.2mm (4 layers)	EI 240 U/C (E 240 U/C)
Ø 160mm Polo-Kal NG pipes	50 x 10.8mm (6 layers)	EI 240 U/C (E 240 U/C)
≤ Ø 50mm Rehau Raupiano Plus pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 110mm Rehau Raupiano Plus pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
Ø 125mm Rehau Raupiano Plus pipes	50 x 7.2mm (4 layers)	EI 120 U/C (E 240 U/C)
Ø 160mm Rehau Raupiano Plus pipes	50 x 10.8mm (6 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 50mm Wavin SiTech pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)
≤ Ø 110mm Wavin SiTech pipes	50 x 3.6mm (2 layers)	EI 120 U/C (E 120 U/C)

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR
Soudawrap P FR 25m

APPLICATION

Fire stopping of composite plastic pipes in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Fire classifications in table on the left.
- Sound reduction (seal only)
48dB

CERTIFICATION:

ETA 19/0411 & ETA 19/0406



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INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR 25m & Soudatransit P

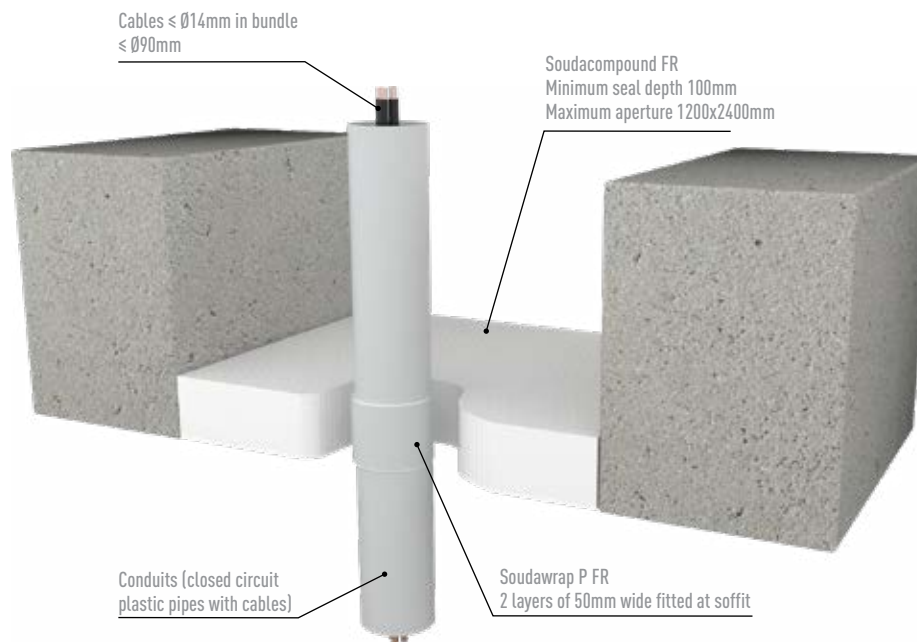
1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. The seal can be positioned to either side of the construction or anywhere in between.
3. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
4. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
5. Pour clean water into a suitable mixing vessel and add the mortar to obtain the required consistency. Mix steadily at low speed and ensure that any lumps of powder are fully dispersed. Always add the mortar to the water, do not reverse this mixing process
6. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and Limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



PRODUCTS

Soudacompound FR
Soudawrap P FR 25m
Soudatransit P

APPLICATION

Fire stopping of conduits in rigid floors

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

FIRE & SOUND CLASSIFICATION

- Conduits of PE, ABS & SAN+PVC plastic pipes $\leq \varnothing 110\text{mm}$
EI 60 U/C & E 120 U/C
- Conduits of PVC-U & PVC-C plastic pipes $\leq \varnothing 110\text{mm}$
EI 120 U/C & E 120 U/C
- Conduits of PP plastic pipes $\leq \varnothing 110\text{mm}$
EI 60 U/C & E 60 U/C
- Sound reduction (seal only) 48dB

CERTIFICATION:

ETA 19/0411 & ETA 19/0406 & ETA 19/0407



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Apertures with mixed services

Appendix IV

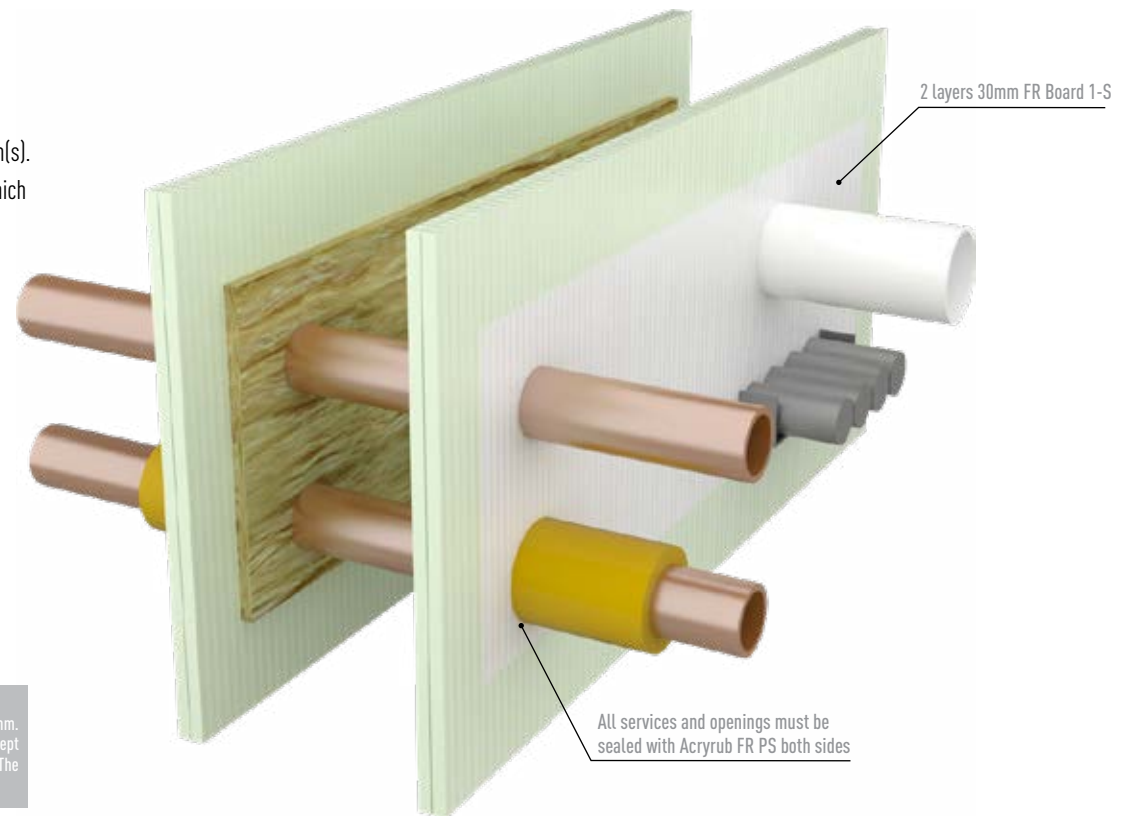
INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The coated side of the board should be flush with the surface of the gypsum on both sides.
4. When fire sealing shaft walls consisting of gypsum only on one side, subject to authority approval, install Soudal Fire board Pro on the exposed side. The board should be facing the (fire) exposed side.
5. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
6. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
7. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 1200mm
wide by 600mm high

Fire Classification EI 30



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe Wraps or Coat Back
Cables, single or bundled, with or without cable trays	≤ Ø80mm per cable	-	-	-
Steel pipes C/U	≤ Ø22mm per pipe	-	None	-
	≤ Ø324mm per pipe	-	20-30mm thick continuous stone wool ≥ 80kg/m ³	-
PVC-U and PVC-C pipes	≤ Ø32mm per pipe	1.0 – 1.8mm	None	None

MIXED SERVICE APERTURE

Fire Classification **EI 30**

Sound Reduction **29 dB**

PRODUCTS

Soudal Fire board Pro

Acryrub FR PS

CONSTRUCTION

Minimum wall thickness of 75 mm and comprise steel studs or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards

SERVICES

1. Cables and cable trays
2. Steel pipes
3. Plastic pipes

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409



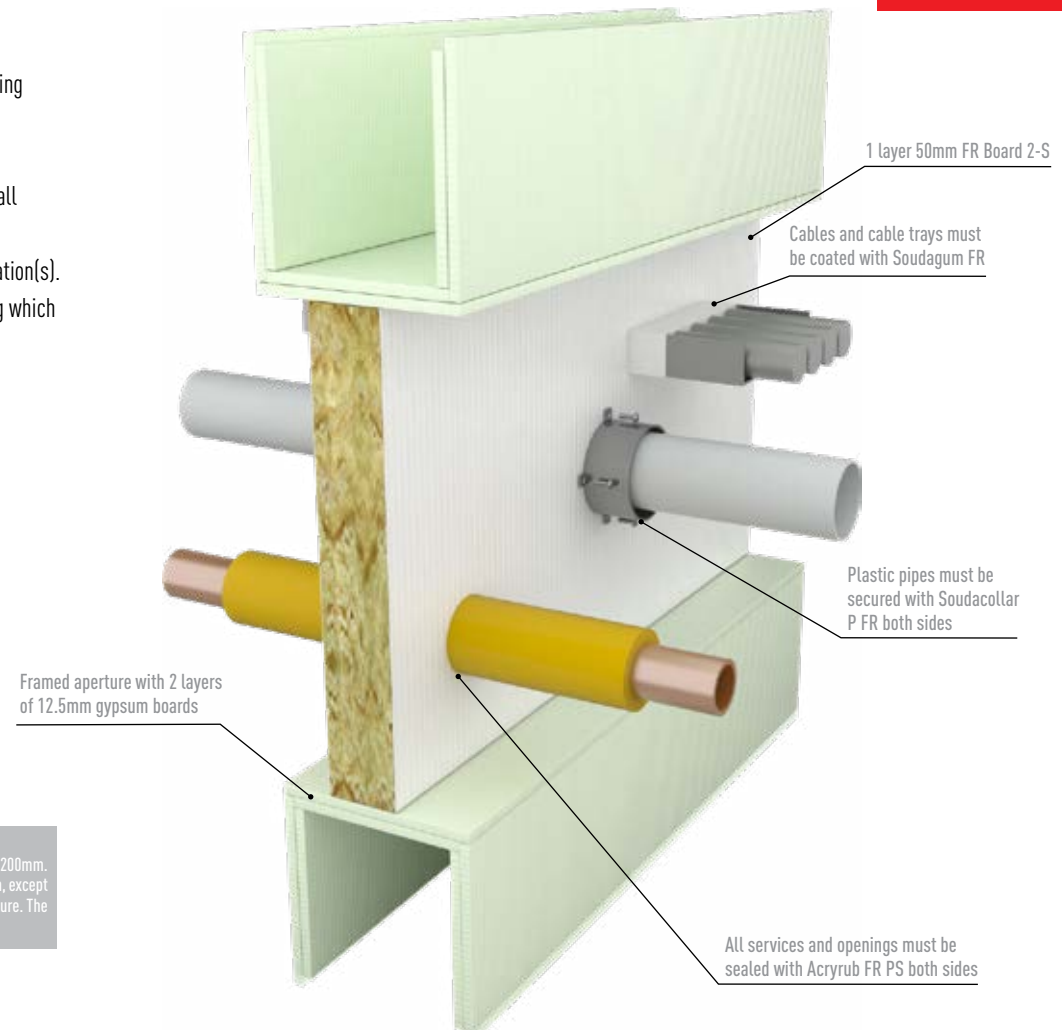
INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS Soudacollar P FR & Soudagum FR

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. When fire sealing shaft walls consisting of gypsum only on one side, subject to authority approval, install Soudal Fire board Pro on the (fire) exposed side.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture 1200mm
wide by 600mm high

Fire Classification EI 60



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe Wraps or Coat Back
Cables, single or bundled, with or without perforated cable trays and ladders	≤ Ø80mm per cable	-	-	150mm each side with 300µ WFT Soudagum FR
Steel pipes C/U	≤ Ø324mm per pipe	-	20-30mm thick continuous stone wool ≥ 80kg/m³	-
PVC-U and PVC-C pipes U/C	≤ Ø110mm per pipe	1.9 – 6.6mm	None	Soudacollar P FR 50mm high ≤ Ø110mm with pig tail fixings on both sides
PVC-U and PVC-C pipes	≤ Ø32mm per pipe	1.0 – 1.8mm	None	None

MIXED SERVICE APERTURE

Fire Classification EI 60

Sound Reduction 29 dB

PRODUCTS

Soudal Fire board Pro, Acryrub FR PS
Soudacollar P FR, Soudagum FR

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

SERVICES

1. Cables, cable trays and ladders
2. Steel pipes
3. Plastic pipes

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409



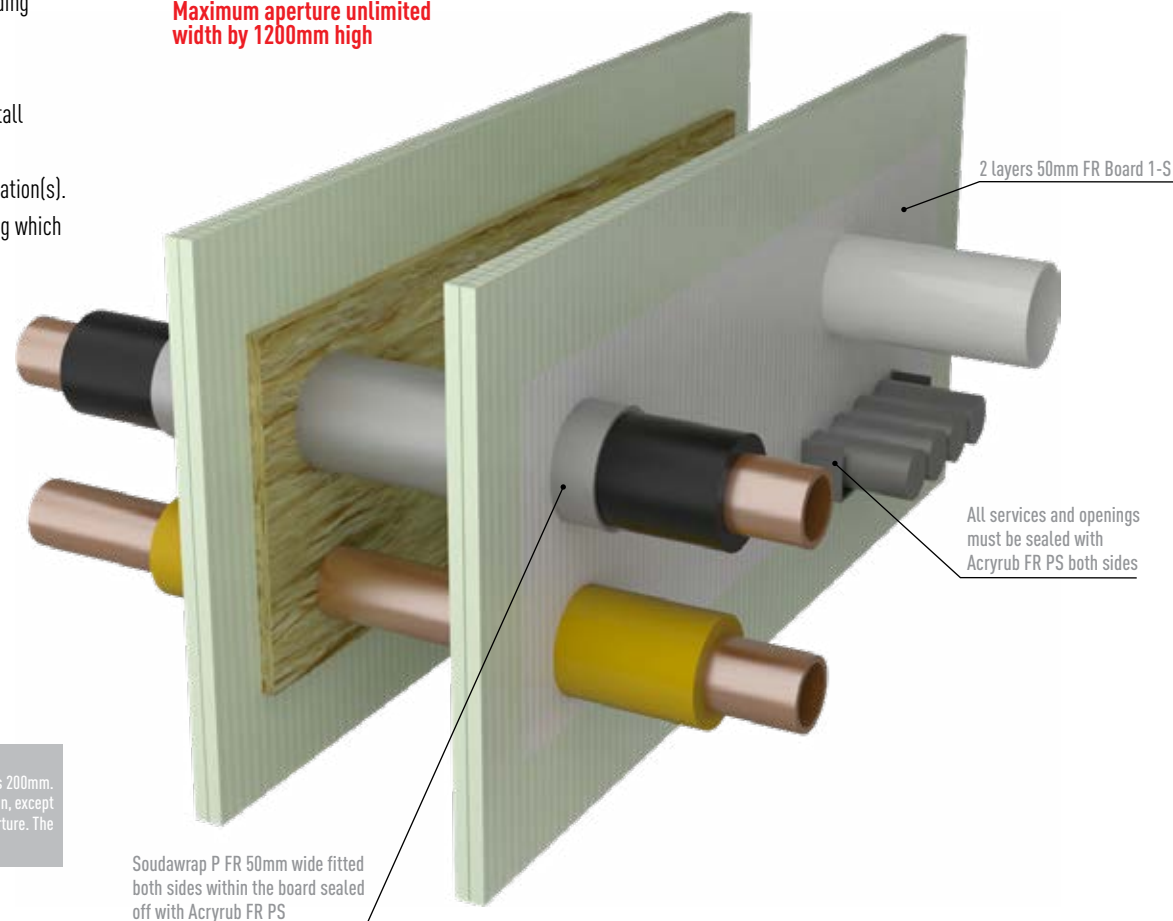
INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS & Soudawrap P FR

Fire Classification EI 60

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. The board can be positioned to either side of the construction or anywhere in between.
3. When fire sealing shaft walls consisting of gypsum only on one side, subject to authority approval, install Soudal Fire board Pro on the (fire) exposed side.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Maximum aperture unlimited
width by 1200mm high



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe Wraps or Coat Back	
Cables, single or bundled, with or w/o trays	≤ Ø80mm per cable	-	-	-	-
Unsheathed cables/wires, with or w/o trays	≤ 185mm ² per wire	-	-	-	-
Steel or PVC conduits, with or w/o trays	≤ Ø16mm per conduit	-	-	C/U	-
Steel pipes	≤ Ø22mm per pipe	-	None	C/U	-
	≤ Ø40mm per pipe	-	13mm thick continuous elastomeric or PE	U/U	1 layer of 50mm wide both sides
	≤ Ø165mm per pipe	-	13 - 32mm thick continuous elastomeric or PE	U/U	2 layers of 50mm wide both sides
	≤ Ø324mm per pipe	-	32 - 50mm thick continuous elastomeric or PE	C/U	3 layers of 50mm wide both sides
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m ³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 500mm long stone wool ≥ 80 kg/m ³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 500mm long stone wool ≥ 80 kg/m ³ both sides	C/U	-
Copper pipes	≤ Ø6mm per pipe	-	None	C/C	-
	≤ Ø54mm per pipe	-	9 - 25mm thick continuous elastomeric or PE	C/C	2 layers of 50mm wide both sides
	≤ Ø54mm per pipe	-	≥ 20mm thick x 500mm long stone wool ≥ 80 kg/m ³ both sides	C/C	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø75mm per pipe	-	9 - 25mm thick continuous elastomeric or PE	C/C	2 layers of 50mm wide both sides
	≤ Ø75mm per pipe	-	≥ 20mm thick x 500mm long stone wool ≥ 80 kg/m ³ both sides	C/C	-
PVC-U & PVC-C pipes	≤ Ø32mm per pipe	1.0-2.4mm	-	U/C	None
	≤ Ø40mm per pipe	1.9-3.0mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	2.7-6.6mm	-	U/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	3.7-7.4mm	-	U/C	3 layers of 50mm wide both sides
	≤ Ø160mm per pipe	9.5mm	-	U/C	4 layers of 50mm wide both sides
	≤ Ø315mm per pipe	7.7-12.1mm	-	C/C	10 layers of 50mm wide both sides
	≤ Ø400mm per pipe	9.8-15.3mm	-	C/C	16 layers of 50mm wide both sides
PE, ABS and SAN+PVC pipes	≤ Ø32mm per pipe	2.0-3.0mm	-	U/C	None
	≤ Ø40mm per pipe	2.4-3.7mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	4.2-10.0mm	-	U/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	4.8-12.0mm	-	U/C	3 layers of 50mm wide both sides
	≤ Ø160mm per pipe	14.6mm	-	U/C	4 layers of 50mm wide both sides
PP pipes	≤ Ø32mm per pipe	1.8-2.2mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-5.5mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	2.7-15.1mm	-	U/U	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	3.1-17.1mm	-	U/C	3 layers of 50mm wide both sides
	≤ Ø160mm per pipe	21.9mm	-	U/C	4 layers of 50mm wide both sides
PEX pipe-in-pipes	≤ Ø25mm per pipe	-	-	C/C	None
	≤ Ø54mm per pipe	-	-	C/C	2 layers of 50mm wide both sides
	≤ Ø25mm in bundles ≤ Ø50mm	-	-	C/C	2 layers of 50mm wide both sides
Aquatherm Green SDR9 pipes	Ø32mm per pipe	-	-	C/C	1 layer of 50mm wide both sides
BluePower pipes	≤ Ø110mm per pipe	-	-	C/C	2 layers of 50mm wide both sides
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
Geberit Silent-PP pipes	≤ Ø110mm per pipe	-	-	C/U	2 layers of 50mm wide both sides
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
Polo-Kal NG pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide both sides
Rehau Raupiano Plus pipes	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide both sides
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide both sides
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide both sides
Wavin SiTech pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
Conduits of PVC-U & PVC-C pipes	≤ Ø110mm w/cables ≤ Ø14mm	2.7-6.6mm	-	U/C	2 layers of 50mm wide both sides
Conduits of PE, ABS & SAN+PVC pipes	≤ Ø110mm w/cables ≤ Ø14mm	4.2-10.0mm	-	U/C	2 layers of 50mm wide both sides
Conduits of PP pipe	≤ Ø110mm w/cables ≤ Ø14mm	2.7-15.1mm	-	U/C	2 layers of 50mm wide both sides



MIXED SERVICE APERTURE

Fire Classification **EI 60**

Sound Reduction **52 dB**

PRODUCTS

Soudal Fire board Pro, Acryrub FR PS

Soudawrap P FR

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

SERVICES

1. Cables, with or without cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes
6. Composite pipes
7. Conduits

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409

INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS Soudacollar P FR & Soudagum FR

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The board can be positioned to either side of the construction or anywhere in between.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Minimum separations and limitations

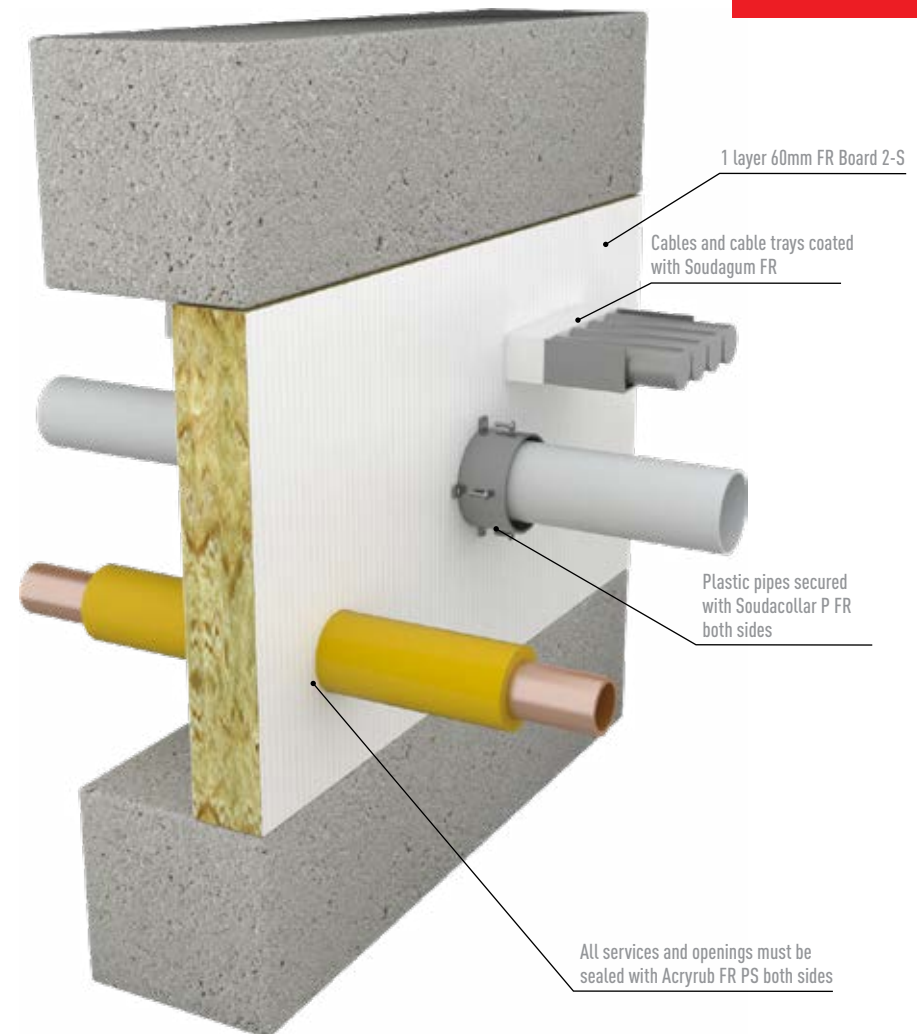
An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Maximum aperture unlimited
width by 1200mm high

Fire Classification EI 60



Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe Wraps or Coat Back	
Cables	≤ Ø21mm per cable	-	-	-	None
Cables single or bundled, with or without perforated cable trays and ladders	≤ Ø80mm per cable	-	-	-	150mm each side with 300µ WFT Soudagum FR
Steel pipes	≤ Ø324mm per pipe	-	20 - 30mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Copper pipes	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Alupex pipes	≤ Ø75mm per pipe	-	≥ 30mm thick x 60cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
PVC-U and PVC-C pipes	≤ Ø110mm per pipe	1.9 – 6.6mm	-	U/C	Soudacollar P FR 50mm high
PE, ABS and SAN+PVC pipes	≤ Ø110mm per pipe	3.0 – 10.0mm	-	C/C	≤ Ø110mm with pig tail fixings

MIXED SERVICE APERTURE

Fire Classification EI 60

Sound Reduction 29 dB

PRODUCTS

Soudal Fire board Pro, Acryrub FR PS

Soudacollar P FR, Soudagum FR

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

SERVICES

1. Cables, cable trays and ladders
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409



INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS & Soudawrap P FR

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The board can be positioned to either side of the construction or anywhere in between.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Maximum aperture unlimited
width by 1200mm high

Fire Classification E 120



Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe Wraps or Coat Back	
Cables	≤ Ø21mm per cable	-	-	-	None
Steel pipes	≤ Ø165mm per pipe	-	9 - 25mm thick continuous elastomeric or PE	C/U	1 layer of 50mm wide
	≤ Ø324mm per pipe	-	30mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Copper pipes	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Alupex pipes	≤ Ø75mm per pipe	-	≥ 30mm thick x 60cm long stone wool ≥ 80 kg/m³ both sides	C/C	-

MIXED SERVICE APERTURE

Fire Classification E 120

Sound Reduction 29 dB

PRODUCTS

Soudal Fire board Pro, Acryrub FR PS

Soudawrap P FR

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

SERVICES

1. Cables
2. Steel pipes
3. Copper pipes
4. Alupex pipes

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409



INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS & Soudawrap P FR

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

packshot

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe Wraps or Coat Back	
Cables, single or bundled, with or w/o trays	≤ Ø80mm per cable	-	-	-	-
Unsheathed cables/wires, with or w/o trays	≤ 185mm² per wire	-	-	-	-
Steel or PVC conduits, with or w/o trays	≤ Ø16mm per conduit	-	-	C/U	-
	≤ Ø22mm per pipe	-	None	C/U	-
Steel pipes	≤ Ø40mm per pipe	-	13mm thick continuous elastomeric or PE	U/U	1 layer of 50mm wide both sides
	≤ Ø165mm per pipe	-	13 - 32mm thick continuous elastomeric or PE	U/U	2 layers of 50mm wide both sides
	≤ Ø324mm per pipe	-	32 - 50mm thick continuous elastomeric or PE	C/U	3 layers of 50mm wide both sides
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 500mm long stone wool ≥ 80 kg/m² both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 500mm long stone wool ≥ 80 kg/m² both sides	C/U	-
Copper pipes	≤ Ø6mm per pipe	-	None	C/C	-
	≤ Ø54mm per pipe	-	9 - 25mm thick continuous elastomeric or PE	C/C	2 layers of 50mm wide both sides
	≤ Ø54mm per pipe	-	≥ 20mm thick x 500mm long stone wool ≥ 80 kg/m² both sides	C/C	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø75mm per pipe	-	9 - 25mm thick continuous elastomeric or PE	C/C	2 layers of 50mm wide both sides
	≤ Ø75mm per pipe	-	≥ 20mm thick x 500mm long stone wool ≥ 80 kg/m² both sides	C/C	-
PVC-U & PVC-C pipes	≤ Ø32mm per pipe	1.0-2.4mm	-	U/C	None
	≤ Ø40mm per pipe	1.9-3.0mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	2.7-6.6mm	-	U/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	3.7-7.4mm	-	U/C	3 layers of 50mm wide both sides
	≤ Ø160mm per pipe	9.5mm	-	U/C	4 layers of 50mm wide both sides
	≤ Ø315mm per pipe	7.7-12.1mm	-	C/C	10 layers of 50mm wide both sides
PE, ABS and SAN+PVC pipes	≤ Ø400mm per pipe	9.8-15.3mm	-	C/C	16 layers of 50mm wide both sides
	≤ Ø32mm per pipe	2.0-3.0mm	-	U/C	None
	≤ Ø40mm per pipe	2.4-3.7mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	4.2-10.0mm	-	U/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	4.8-12.0mm	-	U/C	3 layers of 50mm wide both sides
	≤ Ø160mm per pipe	14.6mm	-	U/C	4 layers of 50mm wide both sides
PP pipes	≤ Ø32mm per pipe	1.8-2.2mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-5.5mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	2.7-15.1mm	-	U/U	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	3.1-17.1mm	-	U/C	3 layers of 50mm wide both sides
	≤ Ø160mm per pipe	21.9mm	-	U/C	4 layers of 50mm wide both sides
	≤ Ø25mm per pipe	-	-	C/C	None
PEX pipe-in-pipes	≤ Ø54mm per pipe	-	-	C/C	2 layers of 50mm wide both sides
	≤ Ø25mm in bundles ≤ Ø50mm	-	-	C/C	2 layers of 50mm wide both sides
Aquatherm Green SDR9 pipes	Ø32mm per pipe	-	-	C/C	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	C/C	2 layers of 50mm wide both sides
BluePower pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	C/U	2 layers of 50mm wide both sides
Geberit Silent-PP pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
Polo-Kat NG pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide both sides
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide both sides
Rehau Raupiano Plus pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide both sides
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide both sides
Wavin SiTech pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
Conduits of PVC-U & PVC-C pipes	≤ Ø110mm w/cables ≤ Ø14mm	2.7-6.6mm	-	U/C	2 layers of 50mm wide both sides
Conduits of PE, ABS & SAN+PVC pipes	≤ Ø110mm w/cables ≤ Ø14mm	4.2-10.0mm	-	U/C	2 layers of 50mm wide both sides
Conduits of PP pipe	≤ Ø110mm w/cables ≤ Ø14mm	2.7-15.1mm	-	U/C	2 layers of 50mm wide both sides



MIXED SERVICE APERTURE

Fire Classification EI 60

Sound Reduction 52 dB

PRODUCTS

Soudal Fire board Pro, Acryrub FR PS

Soudawrap P FR

CONSTRUCTION

Minimum wall thickness of 100 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

SERVICES

1. Cables, with or without cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes
6. Composite pipes
7. Conduits

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409

INSTALLATION INSTRUCTIONS

Soudal Fire board Pro & Acryrub FR PS & Soudawrap P FR

1. Before installing Soudal Fire board Pro ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Soudagum FR and Acryrub FR PS are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation.
3. The boards should be flush with the surface of the construction on both sides to maximize the fire resistance. If this is not possible, there should be an air gap of at least 30mm between the boards.
4. Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board can be sealed with Soudagum FR or Acryrub FR PS prior to fitting which will act as an adhesive and ensure a smoke tight seal.
5. All joints, gaps or imperfections in the installed seal must be filled with Acryrub FR PS on both sides.
6. Soudal Fire board Pro can be over-painted with most emulsion or alkyd (gloss) paints.

Minimum separations and limitations

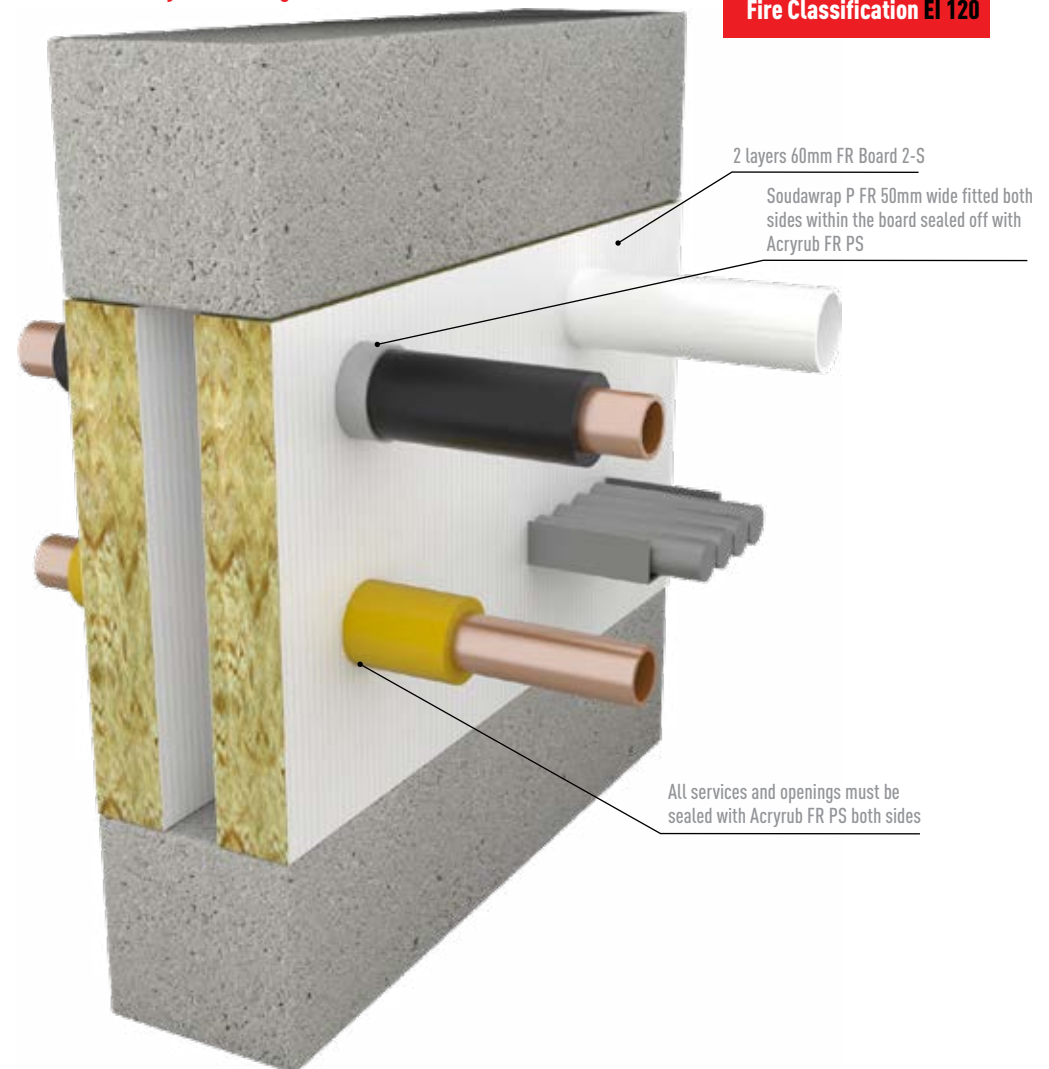
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Maximum aperture unlimited
width by 1200mm high

Fire Classification EI 120



Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe config	Pipe Wraps
Cables, single or bundled	≤ Ø21mm per cable	-	-	-	-
Cables in tied bundles and conduits on trays	≤ Ø21mm cables in bundles ≤ Ø100mm	-	-	-	-
	≤ Ø16mm PVC conduits	-	-	C/U	-
	≤ 200 mm ladders	-	-	-	-
	≤ 500 mm non perforated trays	-	-	-	-
Steel pipes	≤ Ø40mm per pipe	-	13mm thick continuous elastomeric or PE	U/U	1 layer of 50mm wide both sides
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Copper pipes	≤ Ø12mm per pipe	-	9mm thick continuous elastomeric or PE	C/C	2 layers of 50mm wide both sides
	≤ Ø54mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø75mm per pipe	-	9 - 25mm thick continuous elastomeric or PE	C/C	2 layers of 50mm wide both sides
	≤ Ø16mm per pipe	-	≥ 20mm thick x 60cm long stone wool ≥ 80 kg/m³ both sides	U/C	-
	≤ Ø75mm per pipe	-	≥ 30mm thick x 60cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
PVC-U & PVC-C pipes	≤ Ø40mm per pipe	1.9-3.0mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	2.7-6.6mm	-	U/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	4.7-7.4mm	-	U/C	4 layers of 50mm wide both sides
	≤ Ø160mm per pipe	4.0-9.5mm	-	U/C	6 layers of 50mm wide both sides
	≤ Ø200mm per pipe	5.0-10.2mm	-	C/C	10 layers of 75mm wide both sides
	≤ Ø250mm per pipe	6.0-11.0mm	-	C/C	10 layers of 75mm wide both sides
	≤ Ø315mm per pipe	7.7-12.1mm	-	C/C	10 layers of 75mm wide both sides
	≤ Ø400mm per pipe	9.8-15.3mm	-	C/C	16 layers of 75mm wide both sides
PE, ABS and SAN+PVC pipes	≤ Ø40mm per pipe	2.4-3.7mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø40mm per pipe	3.8-4.6mm	-	U/C	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	3.4-10.0mm	-	U/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	3.9-7.4mm	-	U/C	4 layers of 50mm wide both sides
	≤ Ø160mm per pipe	4.9-9.5mm	-	U/C	6 layers of 50mm wide both sides
PP pipes	≤ Ø40mm per pipe	1.8-5.5mm	-	U/U	1 layer of 50mm wide both sides
	≤ Ø110mm per pipe	2.7-10.0mm	-	C/C	2 layers of 50mm wide both sides
	≤ Ø125mm per pipe	3.1-11.4mm	-	C/C	4 layers of 50mm wide both sides
	≤ Ø160mm per pipe	4.9-14.6mm	-	C/C	6 layers of 50mm wide both sides
PEX pipe-in-pipes	≤ Ø54mm per pipe	-	-	C/C	2 layers of 50mm wide both sides
Geberit Silent-PP pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
Polo-Kal NG pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide both sides
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide both sides
Rehau Raupiano Plus pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide both sides
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide both sides
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide both sides
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide both sides



MIXED SERVICE APERTURE

Fire Classification **EI 120**

Sound Reduction **52 dB**

PRODUCTS

Soudal Fire board Pro, Acryrub FR PS

Soudawrap P FR

CONSTRUCTION

Minimum wall thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a density of ≥ 650 kg/m³

SERVICES

1. Cables, with or without cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes
6. Composite pipes
7. Conduits

INDOOR AIR COMFORT TEST RESULTS

- French A+ – Complies
- BREEAM-NOR – Complies
- M1 Protocol – Complies

DURABILITY

Y1 - Intended for use at temperatures below 0°C with exposure to UV and humidity but no exposure to rain. Includes lower classes Y2, Z1 and Z2.

CERTIFICATION:

ETA 19/0409

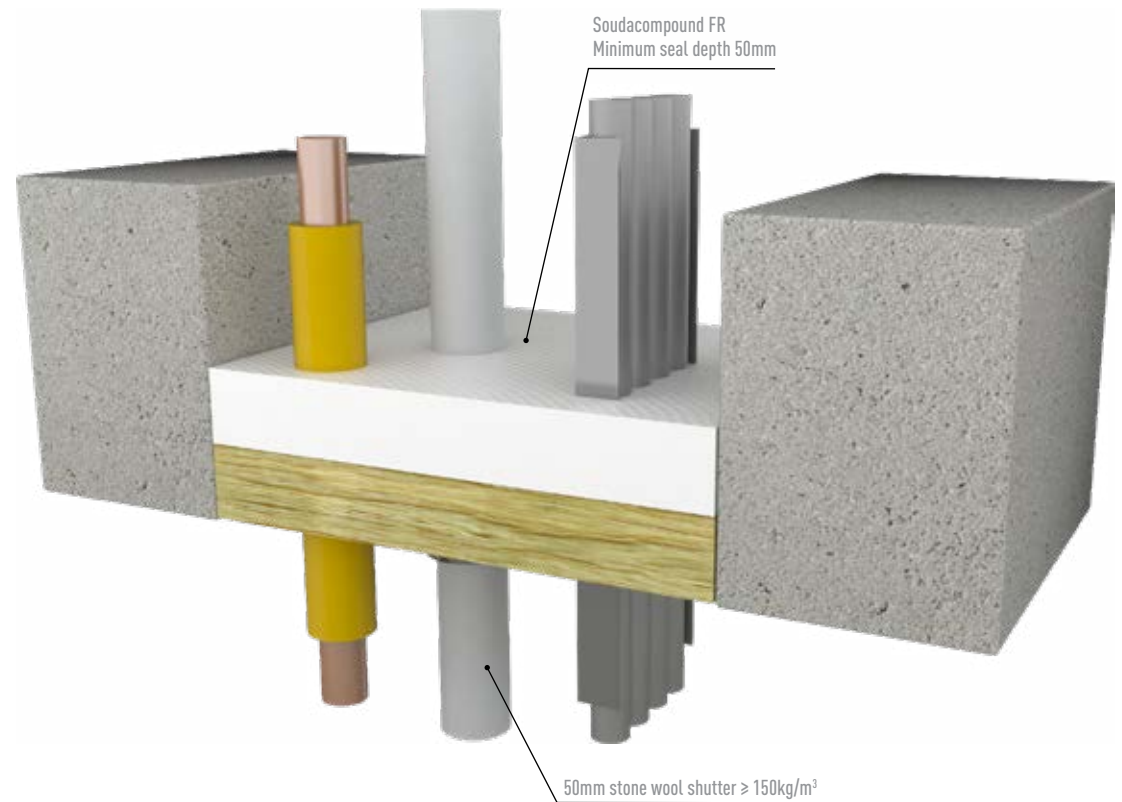
INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
6. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture 1200mm
wide by 600mm high

Fire Classification EI 60



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe config	Pipe Wraps
Cables, with or without trays or ladders	≤ Ø21mm cables single or bundled	-	-	-	-
	≤ Ø16mm PVC conduits	-	-	C/U	-
	≤ Ø17mm unsheathed cables/wires	-	-	-	-
Steel pipes	≤ Ø16mm per pipe	-	None	C/U	-
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m ³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m ³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m ³ both sides	C/U	-
Copper pipes	Ø6mm per pipe	-	None	C/C	-
	≤ Ø54mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m ³	C/C	-
	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m ³ both sides	C/C	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø75mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m ³ both sides	C/C	-
PVC-U and PVC-C pipes	≤ Ø40mm per pipe	1.6-3.0mm	-	U/C	None
PEX pipe-in-pipes	≤ Ø25mm per pipe	-	-	C/C	None



MIXED SERVICE APERTURE

Fire Classification **EI 60**

Sound Reduction **48 dB**

PRODUCTS

Soudacompound FR

Stone wool shutter

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

SERVICES

1. Cables and cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes

INDOOR AIR COMFORT TEST RESULTS

- EMICODE EC 1PLUS – Complies
- BREEAM-NOR – Complies
- LEED – Complies

DURABILITY

Z2 - Intended for use in internal conditions with humidity classes other than Z1, excluding temperatures below 0 °C.

CERTIFICATION:

ETA 19/0411

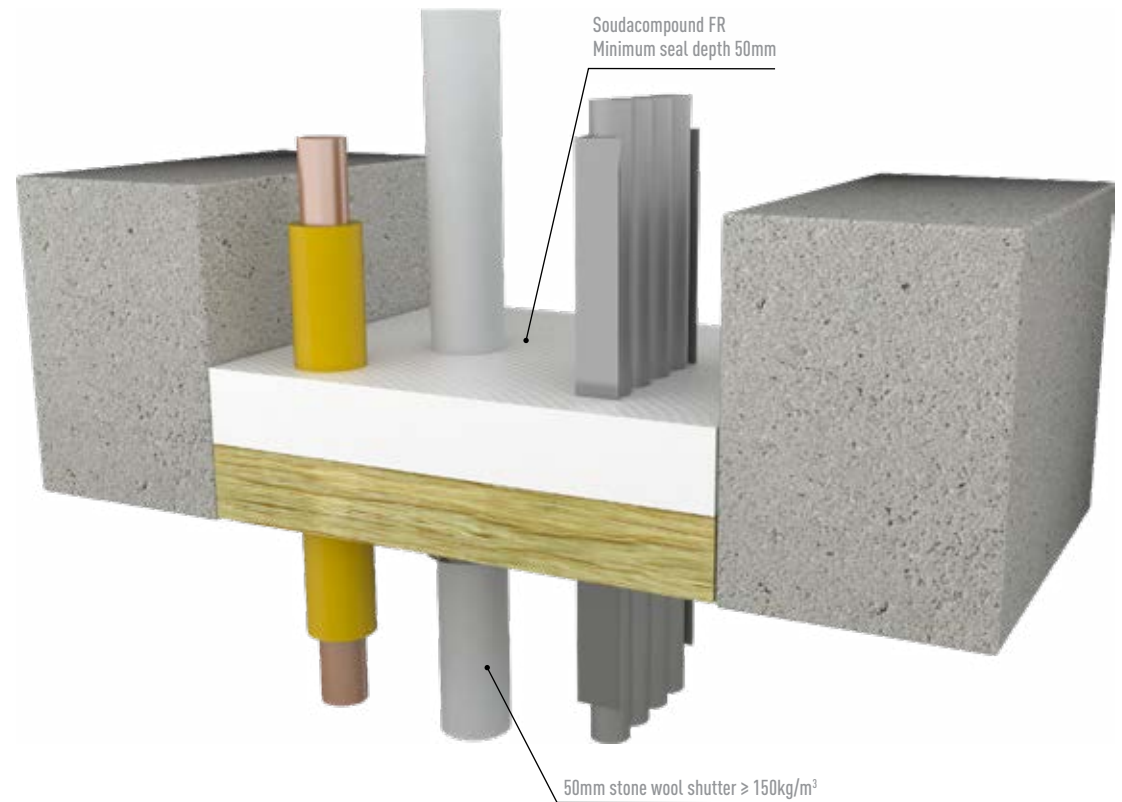
INSTALLATION INSTRUCTIONS

Soudacompound FR & Stone wool shutter

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a stone wool shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal – any small openings should be sealed with Acryrub FR PS
6. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture
1200 x 2400mm

Fire Classification EI 120



Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe config	Pipe Wraps
Cables, with or without trays	≤ Ø21mm cables single or bundled	-	-	-	-
	≤ Ø16mm PVC conduits	-	-	C/U	-
	≤ Ø24mm unsheathed cables/wires	-	-	-	-
Steel pipes	≤ Ø16mm per pipe	-	None	C/U	-
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m ³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m ³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m ³ both sides	C/U	-
Copper pipes	≤ Ø15mm per pipe	-	None	C/C	-
	≤ Ø54mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m ³	C/C	-
	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m ³ both sides	C/C	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø75mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m ³ both sides	C/C	-
PVC-U and PVC-C pipes	≤ Ø40mm per pipe	1.6-3.0mm	-	U/C	None
PEX pipe-in-pipes	≤ Ø25mm per pipe	-	-	C/C	None



MIXED SERVICE APERTURE

Fire Classification **EI 120**

Sound Reduction **48 dB**

PRODUCTS

Soudacompound FR

Stone wool shutter

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

SERVICES

1. Cables and cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes

INDOOR AIR COMFORT TEST RESULTS

- EMICODE EC 1PLUS – Complies
- BREEAM-NOR – Complies
- LEED – Complies

DURABILITY

Z2 - Intended for use in internal conditions with humidity classes other than Z1, excluding temperatures below 0 °C.

CERTIFICATION:

ETA 19/0411

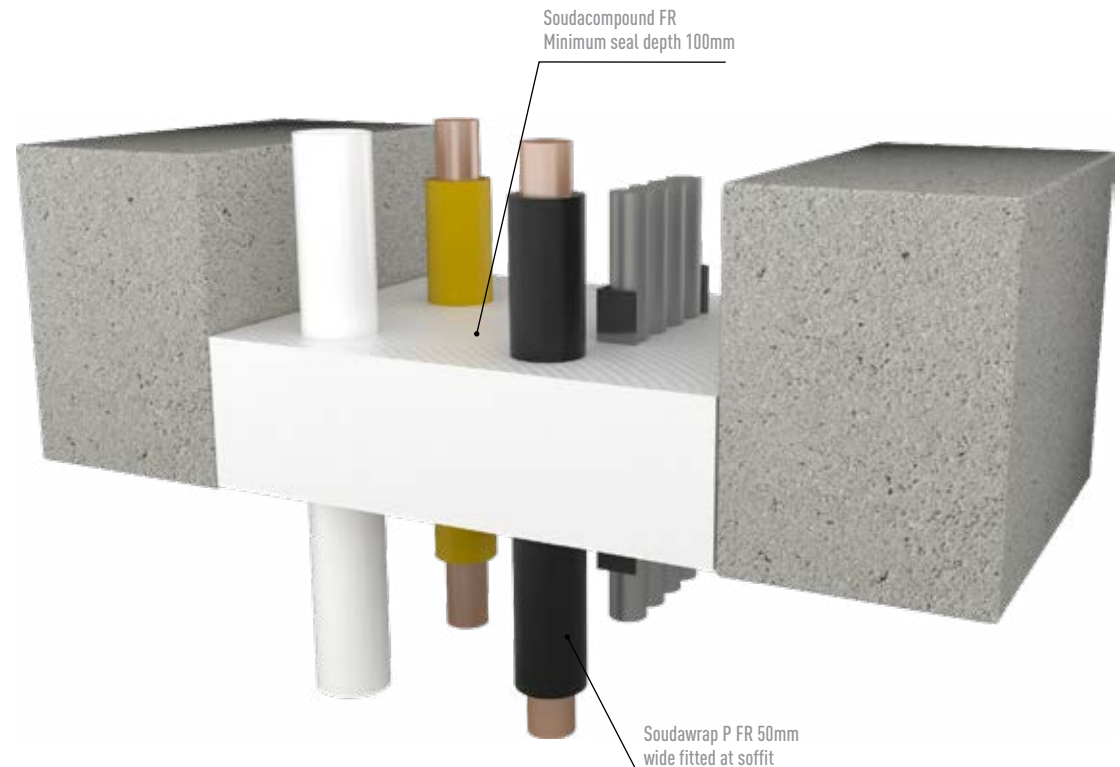
INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR

Fire Classification EI 60

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture
1200 x 2400mm



Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe config	Pipe Wraps
Cables, with or without trays or ladders	≤ Ø80mm cables single or bundled	-	-	-	-
	≤ Ø16mm PVC conduits	-	-	C/U	-
	≤ Ø17mm unsheathed cables/wires	-	-	-	-
Steel pipes	≤ Ø16mm per pipe	-	None	C/U	-
	≤ Ø40mm per pipe	-	13mm thick continuous elastomeric or phenolic	C/U	1 layer of 50mm wide soffit side
	≤ Ø40mm per pipe	-	14 - 25mm thick continuous elastomeric or phenolic	C/U	2 layers of 50mm wide soffit side
	≤ Ø165mm per pipe	-	14 - 19mm thick continuous elastomeric or phenolic	C/U	1 layer of 50mm wide soffit side
	≤ Ø324mm per pipe	-	25mm thick continuous elastomeric or phenolic	C/U	2 layers of 50mm wide soffit side
	≤ Ø324mm per pipe	-	26 - 50mm thick continuous elastomeric or phenolic	C/U	3 layers of 50mm wide soffit side
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Copper pipes	Ø6mm per pipe	-	None	C/C	-
	≤ Ø12mm per pipe	-	9mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø54mm per pipe	-	13 - 25mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø54mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/C	-
	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø75mm per pipe	-	9 - 25mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø75mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
PVC-U and PVC-C pipes	≤ Ø40mm per pipe	1.6-3.0mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-3.7mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	1.9-6.6mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.5-7.4mm	-	U/C	4 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	4.5-9.5mm	-	C/C	6 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	9.5mm	-	U/C	6 layers of 50mm wide soffit side
PE, ABS and SAN+PVC pipes	≤ Ø40mm per pipe	1.8-4.4mm	-	U/C	None
	≤ Ø40mm per pipe	2.4-3.7mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	2.5-10.0mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.9-11.4mm	-	U/C	4 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	4.9-14.6mm	-	U/C	6 layers of 50mm wide soffit side
	≤ Ø250mm per pipe	7.8mm	-	C/C	7 layers of 75mm wide soffit side
PP pipes	≤ Ø40mm per pipe	1.8-4.4mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-5.5mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	1.9-6.3mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.4-11.4mm	-	U/C	4 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	4.9-14.6mm	-	U/C	6 layers of 50mm wide soffit side
PEX pipe-in-pipes	≤ Ø25mm per pipe	-	-	C/C	None
	≤ Ø54mm per pipe	-	-	C/C	2 layers of 50mm wide soffit side
Aquatherm Green SDR9 pipes	Ø32mm per pipe	-	-	C/C	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	C/C	2 layers of 50mm wide soffit side
Geberit Silent-PP pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
Polo-Kal NG pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide soffit side
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide soffit side
Rehau Raupiano Plus pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide soffit side
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide soffit side
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
Wavin SiTech pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø110mm w/cables ≤ Ø14mm	2.7-6.6mm	-	U/C	2 layers of 50mm wide soffit side
Conduits of PE, ABS & SAN+PVC pipes	≤ Ø110mm w/cables ≤ Ø14mm	2.7-10.0mm	-	U/C	2 layers of 50mm wide soffit side
Conduits of PP pipe	≤ Ø110mm w/cables ≤ Ø14mm	3.4-6.3mm	-	U/C	2 layers of 50mm wide soffit side



MIXED SERVICE APERTURE

Fire Classification **EI 60**

Sound Reduction **48 dB**

PRODUCTS

Soudacompound FR

Soudawrap P FR

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

SERVICES

1. Cables, with or without cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes
6. Composite pipes
7. Conduits

INDOOR AIR COMFORT TEST RESULTS

- EMICODE EC 1PLUS – Complies
- BREEAM-NOR – Complies
- LEED – Complies

DURABILITY

Z2 - Intended for use in internal conditions with humidity classes other than Z1, excluding temperatures below 0 °C.

CERTIFICATION:

ETA 19/0411

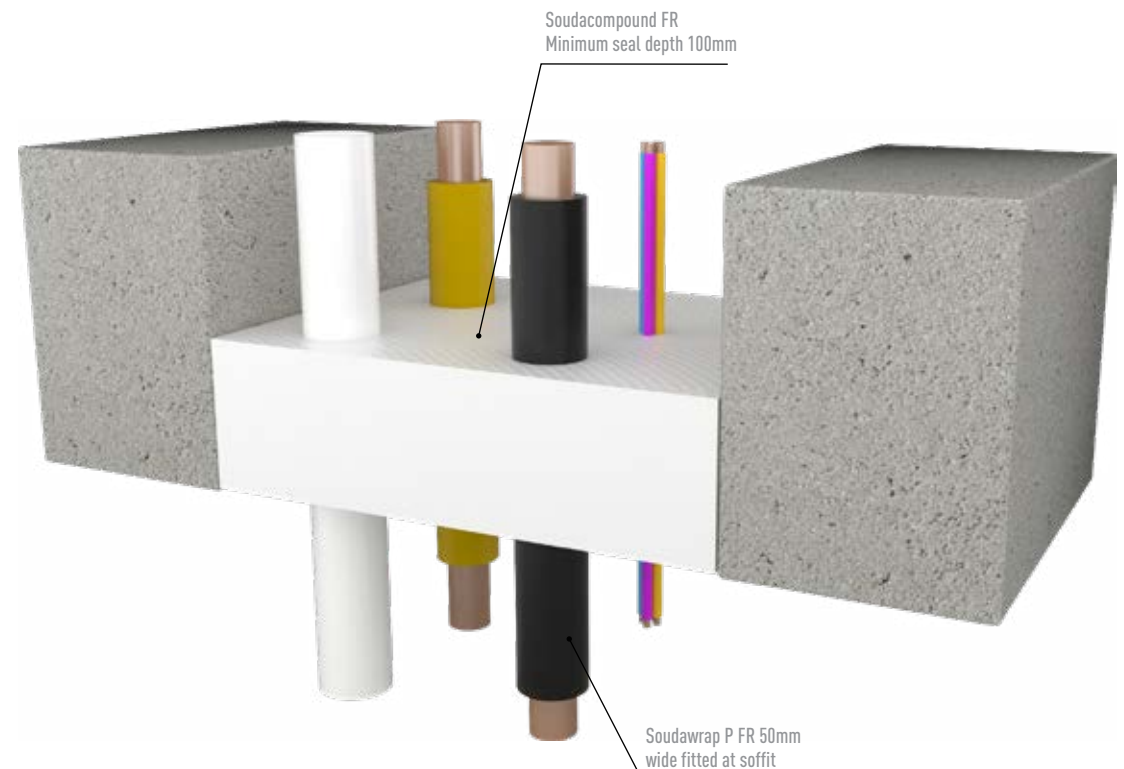
INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR

Fire Classification EI 120

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture
1200 x 2400mm



Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



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Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe config	Pipe Wraps
Cables in tied bundles	≤ Ø21mm cables in bundles ≤ Ø100mm	-	-	-	-
	≤ Ø16mm PVC conduits	-	-	C/U	-
Steel pipes	≤ Ø16mm per pipe	-	None	C/U	-
	≤ Ø40mm per pipe	-	13mm thick continuous elastomeric or phenolic	C/U	1 layer of 50mm wide soffit side
	≤ Ø40mm per pipe	-	14 - 25mm thick continuous elastomeric or phenolic	C/U	2 layers of 50mm wide soffit side
	≤ Ø165mm per pipe	-	14 - 19mm thick continuous elastomeric or phenolic	C/U	1 layer of 50mm wide soffit side
	≤ Ø324mm per pipe	-	25mm thick continuous elastomeric or phenolic	C/U	2 layers of 50mm wide soffit side
	≤ Ø324mm per pipe	-	26 - 50mm thick continuous elastomeric or phenolic	C/U	3 layers of 50mm wide soffit side
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
Copper pipes	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	Ø6mm per pipe	-	None	C/C	-
	≤ Ø12mm per pipe	-	9mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø54mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/C	-
Alupex pipes	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø16mm per pipe	-	9mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø75mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
	≤ Ø75mm per pipe	-	9 - 25mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
PVC-U and PVC-C pipes	≤ Ø75mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
	≤ Ø40mm per pipe	1.6-3.0mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-3.7mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	1.9-6.6mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.5-7.4mm	-	U/C	4 layers of 50mm wide soffit side
PE, ABS and SAN+PVC pipes	≤ Ø160mm per pipe	4.5mm	-	C/C	6 layers of 50mm wide soffit side
	≤ Ø40mm per pipe	1.8-4.4mm	-	U/C	None
	≤ Ø40mm per pipe	2.4-3.7mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	2.5-10.0mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.9-11.4mm	-	U/C	4 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	4.9-14.6mm	-	U/C	6 layers of 50mm wide soffit side
	≤ Ø250mm per pipe	7.8mm	-	C/C	7 layers of 75mm wide soffit side
PP pipes	≤ Ø40mm per pipe	1.8-4.4mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-5.5mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	1.9-6.3mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.4-11.4mm	-	U/C	4 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	4.9-14.6mm	-	U/C	6 layers of 50mm wide soffit side
PEX pipe-in-pipes	≤ Ø25mm per pipe	-	-	C/C	None
	≤ Ø54mm per pipe	-	-	C/C	2 layers of 50mm wide soffit side
Aquatherm Green SDR9 pipes	Ø32mm per pipe	-	-	C/C	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	C/C	2 layers of 50mm wide soffit side
Geberit Silent-PP pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
Polo-Kal NG pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide soffit side
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide soffit side
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
Rehau Raupiano Plus pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide soffit side
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide soffit side
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
Wavin SiTech pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
Conduits of PVC-U & PVC-C pipes	≤ Ø110mm w/cables ≤ Ø14mm	2.7-6.6mm	-	U/C	2 layers of 50mm wide soffit side



MIXED SERVICE APERTURE

Fire Classification **EI 120**

Sound Reduction **48 dB**

PRODUCTS

Soudacompound FR

Soudawrap P FR

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

SERVICES

1. Cables
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes
6. Composite pipes
7. Conduits

INDOOR AIR COMFORT TEST RESULTS

- EMICODE EC 1PLUS – Complies
- BREEAM-NOR – Complies
- LEED – Complies

DURABILITY

Z2 - Intended for use in internal conditions with humidity classes other than Z1, excluding temperatures below 0 °C.

CERTIFICATION:

ETA 19/0411

INSTALLATION INSTRUCTIONS

Soudacompound FR & Soudawrap P FR

Fire Classification EI 120

1. Ensure the faces of the aperture opening are free of dust and any other contaminants. The faces may be moistened for better adhesion.
2. Bare metal passing through the seal must be protected against corrosion using a suitable primer/protection system.
3. The seal can be positioned to either side of the construction or anywhere in between.
4. When installing Soudacompound FR in hollow floor slabs or boards, level the fire seal with the soffit side. Ensure there is sufficient thickness of concrete below the void for the depth of mortar. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of the floor slab. Alternatively, simply fire seal on both sides.
5. Install a shutter board to achieve the required thickness of mortar. Make sure that this achieves a very tight seal.
6. Pour clean water into a suitable mixing vessel and pour enough mortar to obtain the required consistency. Mix well to avoid lumps. Always add the mortar to the water, do not reverse this mixing process.
7. Once the desired consistency is achieved pour or trowel the mortar onto the shutter board making sure that it flows into all corners and around services. Apply a firm pressure to the mortar to eliminate any trapped air bubbles. Build up to the required depth.

Maximum aperture
1200 x 2400mm



Loadbearing Properties

Soft body impact, serviceability 500Nm. Soft body impact, safety in use 700Nm. Hard body impact serviceability 6Nm. Hard body impact, safety in use 10Nm. Concentrated load to 15kN on size up to 1500mm x 1000mm (no failure), 4.85kN on sizes up to 1200mm x 2400mm.

Minimum separations and limitations

An aperture can include several services, and they may also be different. The minimum permitted separation between adjacent seals/apertures is 200mm. Services should be a minimum of 25mm from seal edges. Services within the system Soudal Fire Board Pro seal do not require a minimum separation, except pipes where pipe insulation penetrates the seal and plastic pipe penetrations which should be a minimum of 30 mm from other services in the aperture. The total amount of cross sections of services (including insulation) should not exceed 60% of the penetration area.



As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Soudal has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

Type of Services	Size of Services	Pipe wall thicknesses	Pipe Insulation	Pipe config	Pipe Wraps
Cables, with or without trays or ladders	≤ Ø21mm cables single or bundled	-	-	-	-
	≤ Ø16mm PVC conduits	-	-	C/U	-
	≤ Ø24mm unsheathed cables/wires	-	-	-	-
	≤ 500mm wide trays or ladders	-	-	-	-
Steel pipes	≤ Ø16mm per pipe	-	None	C/U	-
	≤ Ø40mm per pipe	-	13mm thick continuous elastomeric or phenolic	C/U	1 layer of 50mm wide soffit side
	≤ Ø40mm per pipe	-	14 - 25mm thick continuous elastomeric or phenolic	C/U	2 layers of 50mm wide soffit side
	≤ Ø165mm per pipe	-	14 - 19mm thick continuous elastomeric or phenolic	C/U	1 layer of 50mm wide soffit side
	≤ Ø324mm per pipe	-	25mm thick continuous elastomeric or phenolic	C/U	2 layers of 50mm wide soffit side
	≤ Ø324mm per pipe	-	26 - 50mm thick continuous elastomeric or phenolic	C/U	3 layers of 50mm wide soffit side
	≤ Ø324mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/U	-
	≤ Ø40mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	≤ Ø219mm per pipe	-	≥ 30mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/U	-
	Ø6mm per pipe	-	None	C/C	-
Copper pipes	≤ Ø12mm per pipe	-	9mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø54mm per pipe	-	20 - 80mm thick continuous stone wool ≥ 80kg/m³	C/C	-
	≤ Ø54mm per pipe	-	≥ 20mm thick x 100cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
Alupex pipes	≤ Ø20mm per pipe	-	None	C/C	-
	≤ Ø16mm per pipe	-	9mm thick continuous elastomeric or phenolic	C/C	2 layers of 50mm wide soffit side
	≤ Ø75mm per pipe	-	≥ 20mm thick x 50cm long stone wool ≥ 80 kg/m³ both sides	C/C	-
PVC-U and PVC-C pipes	≤ Ø40mm per pipe	1.6-3.0mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-3.7mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	1.9-6.6mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.5-7.4mm	-	U/C	4 layers of 50mm wide soffit side
	≤ Ø160mm per pipe	4.5-9.5mm	-	U/C	6 layers of 50mm wide soffit side
	Ø 315mm per pipe	7.7mm	-	C/C	10 layers of 75mm wide soffit side
PE, ABS and SAN+PVC pipes	≤ Ø40mm per pipe	1.8-4.4mm	-	U/C	None
	≤ Ø40mm per pipe	2.4-3.7mm	-	U/U	1 layer of 50mm wide soffit side
	≤ Ø110mm per pipe	2.5-10.0mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	3.4-10.0mm	-	U/U	3 layers of 75mm wide soffit side
	≤ Ø125mm per pipe	3.9-11.4mm	-	U/C	4 layers of 50mm wide soffit side
	Ø 125mm per pipe	11.4mm	-	U/U	4 layers of 50mm wide soffit side
	Ø 140mm per pipe	8.0-12.4mm	-	U/U	6 layers of 75mm wide soffit side
	≤ Ø160mm per pipe	4.9-14.6mm	-	U/U	4 layers of 75mm wide soffit side
	≤ Ø160mm per pipe	3.9-4.8mm	-	U/U	10 layers of 75mm wide soffit side
	≤ Ø250mm per pipe	7.8mm	-	C/C	7 layers of 75mm wide soffit side
	≤ Ø40mm per pipe	1.8-4.4mm	-	U/C	None
	≤ Ø40mm per pipe	1.8-5.5mm	-	U/U	1 layer of 50mm wide soffit side
PP pipes	≤ Ø110mm per pipe	1.9-6.3mm	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	3.7-10.5mm	-	U/U	4 layers of 50mm wide soffit side
	≤ Ø125mm per pipe	3.4-11.4mm	-	U/C	4 layers of 50mm wide soffit side
	Ø125mm per pipe	11.4mm	-	U/U	4 layers of 50mm wide soffit side
	Ø140mm per pipe	12.8mm	-	U/U	4 layers of 75mm wide soffit side
	≤ Ø160mm per pipe	4.9-14.6mm	-	U/C	6 layers of 50mm wide soffit side
	Ø160mm per pipe	14.6mm	-	U/U	4 layers of 75mm wide soffit side
	≤ Ø200mm per pipe	4.9-18.2mm	-	C/C	6 layers of 75mm wide soffit side
	Ø315mm per pipe	7.7mm	-	C/C	10 layers of 75mm wide soffit side
	≤ Ø25mm per pipe	-	-	C/C	None
	≤ Ø54mm per pipe	-	-	C/C	2 layers of 50mm wide soffit side
	Ø32mm per pipe	-	-	C/C	1 layer of 50mm wide soffit side
Aquatherm Green SDR9 pipes	≤ Ø110mm per pipe	-	-	C/C	2 layers of 50mm wide soffit side
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
Geberit Silent-PP pipes	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
Polo-Kal NG pipes	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide soffit side
	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide soffit side
Rehau Raupiano Plus pipes	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
	Ø125mm per pipe	-	-	U/C	4 layers of 50mm wide soffit side
Wavin SiTech pipes	Ø160mm per pipe	-	-	U/C	6 layers of 50mm wide soffit side
	≤ Ø50mm per pipe	-	-	U/U	2 layers of 50mm wide soffit side
	≤ Ø110mm per pipe	-	-	U/C	2 layers of 50mm wide soffit side
Conduits of PVC-U & PVC-C pipes	≤ Ø110mm w/cables ≤ Ø14mm	2.7-6.6mm	-	U/C	2 layers of 50mm wide soffit side



MIXED SERVICE APERTURE

Fire Classification **EI 120**

Sound Reduction **48 dB**

PRODUCTS

Soudacompound FR

Soudawrap P FR

CONSTRUCTION

Minimum floor thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650kg/m³

SERVICES

1. Cables, with or without cable trays
2. Steel pipes
3. Copper pipes
4. Alupex pipes
5. Plastic pipes
6. Composite pipes
7. Conduits

INDOOR AIR COMFORT TEST RESULTS

- EMICODE EC 1PLUS – Complies
- BREEAM-NOR – Complies
- LEED – Complies

DURABILITY

Z2 - Intended for use in internal conditions with humidity classes other than Z1, excluding temperatures below 0 °C.

CERTIFICATION:

ETA 19/0411

PRODUCTS

Material master	Product	description
Acryrub FR JS 310ml Art. 146662		Acryrub FR JS is a fire rate product designed to prevent the spread of fire and smoke through joints and openings in fire rated walls and floors. This firestopping mastic will also maintain the acoustic design performance in walls and floors. Low emissions - environmentally and user friendly, simple to apply with a smooth surface finish. Suitable for most surfaces, included concrete, masonry, gypsum and most non-porous surfaces.
Acryrub FR JS 600ml Art. 146661		Acryrub FR JS is a fire rate product designed to prevent the spread of fire and smoke through joints and openings in fire rated walls and floors. This firestopping mastic will also maintain the acoustic design performance in walls and floors. Low emissions - environmentally and user friendly, simple to apply with a smooth surface finish. Suitable for most surfaces, included concrete, masonry, gypsum and most non-porous surfaces.
Acryrub FR PS 310ml Art. 146660		Acryrub FR PS is a fire rate product designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors. This firestopping mastic will also maintain the acoustic design performance in walls and floors. Low emissions - environmentally and user friendly, simple to apply with a smooth surface finish. Suitable for most surfaces, included concrete, masonry, gypsum and most non-porous surfaces. For gapsealing around electrical cables, combustible and non-combustible pipes
Acryrub FR PS 600ml Art. 146659		Acryrub FR PS is a fire rate product designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors. This firestopping mastic will also maintain the acoustic design performance in walls and floors. Low emissions - environmentally and user friendly, simple to apply with a smooth surface finish. Suitable for most surfaces, included concrete, masonry, gypsum and most non-porous surfaces. For gapsealing around electrical cables, combustible and noncombustible pipes
Soudacollar P FR Ø110mm/30mm Art. 146658		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.

Material master	Product	description
Soudacollar P FR Ø110mm/50mm Art. 146657		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø125mm/60mm Art. 146656		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
soudacollar P FR Ø160mm/60mm Art. 146655		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø200mm/75mm Art. 146654		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø250mm/75mm Art. 146653		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.

PRODUCTS

SOUDAL

Material master	Product	description
Soudacollar P FR Ø315mm/75mm Art. 146652		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø55mm/30mm Art. 146651		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø55mm/50mm Art. 146650		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø82mm/30mm Art. 146649		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudacollar P FR Ø82mm/50mm Art. 146648		Soudacollar P FR is a intumescent collar the seal of combustible pipes in case of fire. Available in various dimensions. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.

Material master	Product	description
Soudacompound FR 20L Art. 146647		Fire resistant heavy mortar to seal of large gaps. For all configurations of multiple penetrations; cables, pipes and ducts. Suitable for most surfaces, included concrete, masonry, gypsum and most non-porous surfaces. designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors.
Soudagraphite FR 310ml Art. 146646		Intumescent sealant to seal of small combustible pipes and cables. Designed to prevent the spread of fire and smoke through penetration openings in fire rated walls and floors. Suitable for most surfaces, included concrete, masonry, gypsum and most non-porous surfaces.
Soudal Backing 25x48x600mm Art. 146645		Silicate fiber based fire wool which is suitable for backing material on firestop penetrations and joint seals. Replaces hard wool materials in the backing. Also suitable for applications requiring high temperature resistance, such as in ovens and around chimneys.
Soudal Fire Board Pro 60x600x1200 (72/pll) Art. 146644		Durable, firestop coated stone wool board suitable for sealing large penetrations seals and wide structural joints. Firestop board can be used with cables, cable bundles and carriers, metallic, plastic and composite pipes. Fire Board insulates and seals penetration in fire situation, preventing flames and smoke passing between fire compartments.
Soudagum FR 8L Art. 146643		White acrylic emulsion coating. Testes according to EN 1366-3:2004 (penetrations). Coating is easy and fast to apply with brush, sprayer or spatula. Coating dries quickly forming stiff surface that can be easily cleaned and provides protection against mould and insects.

PRODUCTS

Material master	Product	description
Soudal putty cord FR 5 pcs Art. 146642		mouldable polymer-based elastic firestop putty for sealing in penetrations in fire-rated structures.
Soudatransit P FR Ø110x150mm Art. 146641		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø110x250mm Art. 146640		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø110x400mm Art. 146639		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø40x150mm Art. 146638		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.

Material master	Product	description
Soudatransit P FR Ø40x250mm Art. 146637		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø40x400mm Art. 146636		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø63x150mm Art. 146623		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø63x250mm Art. 146635		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø90x150mm Art. 146622		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.

PRODUCTS

SOUDAL

Material master	Product	description
Soudatransit P FR Ø90x250mm Art. 146634		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudatransit P FR Ø90x400mm Art. 146633		penetration unit for cables and small plastic pipes, which can also be used as a reservation firestop. It is made up of a circular high temperature plastic tube containing a graphite based intumescent lining material. Graphite expands upon heating to seal spaces or voids around cables and pipes, and preventing the passage of flames, smoke and gases.
Soudawrap P FR 110mm Art. 146629		Wrap offers a simple and inexpensive alternative to a fire collar for plastic pipes and cables in walls and floors. Wrap is also suitable for combustible insulation (e.g. armaflex) insulated steel pipes, when the continuous insulation is penetrating the structure. Pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening.
Soudawrap P FR 125mm Art. 146628		Wrap offers a simple and inexpensive alternative to a fire collar for plastic pipes and cables in walls and floors. Wrap is also suitable for combustible insulation (e.g. armaflex) insulated steel pipes, when the continuous insulation is penetrating the structure. Pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening.
Soudawrap P FR 160mm Art. 146627		Wrap offers a simple and inexpensive alternative to a fire collar for plastic pipes and cables in walls and floors. Wrap is also suitable for combustible insulation (e.g. armaflex) insulated steel pipes, when the continuous insulation is penetrating the structure. Pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening.

Material master	Product	description
Soudawrap P FR 50mmx1.8mm-25M-Roll Art. 146626		Wrap offers a simple and inexpensive alternative to a fire collar for plastic pipes and cables in walls and floors. Wrap is also suitable for combustible insulation (e.g. armaflex) insulated steel pipes, when the continuous insulation is penetrating the structure. Pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening.
Soudawrap P FR 55mm Art. 146625		Wrap offers a simple and inexpensive alternative to a fire collar for plastic pipes and cables in walls and floors. Wrap is also suitable for combustible insulation (e.g. armaflex) insulated steel pipes, when the continuous insulation is penetrating the structure. Pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening.
Soudawrap P FR 82mm Art. 146624		Wrap offers a simple and inexpensive alternative to a fire collar for plastic pipes and cables in walls and floors. Wrap is also suitable for combustible insulation (e.g. armaflex) insulated steel pipes, when the continuous insulation is penetrating the structure. Pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening.
Soudablock FR 144/200/60mm Art. 146630		Intumescent two component firestop foam, for fire classified penetration seals. Product swells when exposed to temperatures higher than 180°C, blocking fire and smoke gases: Product has fire classification up to two hours. Firestop foam is new, innovative assessed firestop foam system for sealing penetration seals. Product has excellent firestop properties and is easy to use and apply.
Soudafoam FR Duo 380ml Art. 146632		Intumescent, elastic firestop block, that can be also used for sound insulation. Permanently elastic block provides quick installation, without need for additional tools. Firestop block can be used to seal cable and pipe penetrations, but also as reservation for future penetrations.





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