

Soudal Stay Fresh

Revision: 12/04/2019

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Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 9 min
Curing speed * (23°C/50% R.H.)	Ca. 2 mm/24h
Hardness**	25 ± 5 Shore A
Density**	Ca. 1,03 g/ml (transp, brilliant white) Ca. 1,25 g/ml (colours)
Elastic recovery (ISO 7389)**	> 80 %
Maximum allowed distortion	25 %
Max. tension (ISO 37)**	Ca. 1,25 N/mm ²
Elasticity modulus 100% (ISO 37)**	Ca. 0,39 N/mm ²
Elongation at break (ISO 37)**	> 700 %
Temperature resistance**	-60 °C → 180 °C
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Soudal Stay Fresh is a high-quality, neutral, elastic one-component silicone based joint sealant.

Properties

- Excellent moisture and mold resistance.
- Impervious to mould, contains ZnP (biocide with fungicidal action)
- Very easy to apply
- Permanently elastic after curing
- Very good adhesion on many materials
- UV-resistant
- Neutral curing
- Very good resistance to ageing

Applications

- Joints in sanitary rooms (on synthetic baths and tubs) and kitchens.
- Top sealing in glazing.
- Sealing in cold store rooms and container construction.
- Sealing in airconditioning systems.

Packaging

Colour: transparent, brilliant white, RAL1015 (ivory)

Packaging: 300 ml cartridge

Shelf life

18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Substrates

Substrates: all usual building substrates, ceramic tiles, enamel, stainless steel, acrylic baths, glass, corian, ...

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Porous surfaces should be primed with Primer 150. Prepare non-porous surfaces with a Soudal activator or cleaner (see Technical Data Sheet).

There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion and compatibility test on every surface.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Joint dimensions*Min. width for joints:* 5 mm*Max. width for joints:* 30 mm*Min. depth for joints:* 5 mm

Recommendation sealing jobs: joint width = 2 x joint depth.

Application method*Application method:* With manual- or pneumatic caulking gun.*Cleaning:* Clean with White Spirit or Soudal Surface Cleaner immediately after use (before curing).*Finishing:* With a soapy solution or Soudal Finishing Solution before skinning.*Repair:* With the same material

- Discoloration due to chemicals, high temperatures, UV-radiation may occur. A change in color does not affect the technical properties of the product.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.

Standards and certificates

- Tested and in accordance with FDA regulation code CFR 21 paragr. 177.2600 (e) for repeated use in contact with aqueous foods.

Health- and Safety Recommendations

Take the usual labour hygiene into account.
Consult label and material safety data sheet for more information.

Remarks

- Do not use on natural stones like marble, granite,...(staining). Use Soudal Silirub MA or Silirub+ S8800 for this application.
- Direct contact with the secondary sealing of insulating glass units (insulation) and the PVB-film of safety glass must be avoided.
- Do not use on polycarbonate. Use Silirub PC instead.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Not suitable for bonding aquariums.
- Do not use in applications where permanent water immersion is possible.
- Soudal Stay Fresh has a good UV resistance but can discolour under extreme conditions or after very long UV exposure.

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