

45A Polystyrene contact adhesive

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Technical data

Basis	SBR rubber
Consistency	Fluid
Curing system	Physical drying and crystallisation
Density	Ca. 0,85 g/ml
Viscosity (Brookfield)	Ca. 5.000 mPa.s
Open time (*)	Ca. 20 min.
Consumption (*)	Ca. 300 ml/m ² , each side
Application temperature	5 °C → 25 °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

45A Polystyrene contact adhesive is a ready to use, universal, contact adhesive for polystyrene, based on synthetic rubbers and resins.

Properties

- Doesn't attack polystyrene.
- Long open time.
- Moisture resistant.
- Universal use

Applications

- Bonding of polystyrene on different surfaces.
- Bonding in construction and insulation industry.

Packaging

Colour: transparent

Packaging: metal can 750ml, 1L and 5L, 200L barrels

Shelf life

24 months unopened and stored in dry and cool conditions (Between 5 and 25 °C)

Substrates

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

Surface preparation: No pretreatment required.
45A Polystyrene contact adhesive has a good bonding on all surfaces except for PE and PP.
We recommend a preliminary adhesion test on every surface.

Application method

Apply the adhesive uniformly with a notched trowel or a brush on both sides of the surfaces that need to be glued. Wait ca. 10 minutes and join both parts together. Afterwards push firmly.

Cleaning: With Adhesive Cleaner 90A.

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Use only in well-ventilated areas. Do not smoke. In case of insufficient ventilation it is appropriate to wear respiratory protection. Consult label and material safety data sheet for more information.

Remarks

- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.
- When too much adhesive is applied and/or the prescribed evaporation time wasn't respected, EPS can dissolve.
- When at a lower density using EPS, the solvent mixture can affect the surface. Apply one or more thin layers, let them evaporate long enough before pressing the substrates together.

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.