



Soudaduct

Product description

Soudaduct is a high-quality, plasto-elastic, solvent free HVAC ducting sealant for all types of metal ducts.

Properties

- Easy to apply
- Solvent-free
- No odour
- Colourfast and waterproof after curing
- Excellent adhesion on aluminum
- Good adhesion on anodised aluminum

Applications

- Sealing of joints with a maximal movement of $\leq 12,5\%$.
- Sealing of joints, seams and overlaps in HVAC systems
- Can be used to meet the requirements of DW144.



Technical data

Base	Acrylic dispersion
Consistency	Paste
Curing system	Physical drying
Skin formation	ca. 20 minutes
Density	ca. 1.70 g/ml
Maximum allowed joint movement	$\pm 12 \%$
Shrinkage after curing	ca. 15%
Application temperature	+5°C → +30°C
Temperature resistance	-20°C → +80°C

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
The surface must be rigid, clean, dry, free of dust and grease.
- Substrate types
Soudaduct has a good adhesion to following substrates: All kind of ducting materials. We recommend a preliminary adhesion and compatibility test on every surface.

Application method

- Application method
Apply Soudaduct with a brush, handheld or pneumatic caulking gun. Finish with a spatula or putty knife. Spread a minimum of 20mm wet film thickness with a brush or caulk the joints. Seal all joints, seams and penetrations in the ductwork to ensure an airtight system. Do not apply when rain or frost is imminent during the curing process.
- Cleaning method
Before curing, Soudaduct can be removed with water from substrates and tools. Cured product can only be removed mechanically.

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- Repair method
Repair with the same material.

Health- and Safety Recommendations

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

Packaging/Logistics

Colour: Please consult the product catalogue, the Soudal website or a Soudal representative.

Packaging: Please consult the product catalogue, the Soudal website or a Soudal representative.

Shelf life: 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C, Protect against frost.

Joint dimensions

- Min. width for joints: 5 mm
Max. width for joints: 20 mm
Min. depth for joints: 5 mm
Recommendation for sealing jobs: joint width = joint depth

Remarks

- Do not use in applications where continuous water immersion is possible.
- Paintable with most paints.
- The paint must be sufficiently elastic to allow application on a plasto-elastic sealant.
- Given the great diversity in available paints, we recommend to do a compatibility test prior to application.
- Prior to pressure testing, allow Soudaduct to cure for 12 - 24 hours, depending of the temperature, humidity and application thickness.
- Do not apply outdoors

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. It is general in nature and does not constitute any liability. 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. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.