

Duct Sealant

Revision: 11/05/2018

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Technical data

Basis	Acrylic dispersion
Consistency	Paste
Curing system	Physical drying
Skin formation* (20°C / 65% R.H.)	Ca. 20 min
Density	Ca. 1,70 g/mL
Maximum allowed distortion	15%
Temperature resistance	-20 °C → +80 °C
Application temperature	+5 °C → +35 °C
Shrinkage	Ca. 15% (DIN 52451)



(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

Duct Sealant is a tough and flexible sealant to prevent air leakage in low, medium and high velocity ducting systems.

Properties

- Very easy to apply
- Low odour and solvent-free
- Colourfast and waterproof after curing
- Remains flexible up to 15%
- Paintable
- Air tight
- Fire reaction Class E

Applications

- Suitable on all types of HVAC duct systems including sheet metal duct, duct board and flexible ducts, sealing of seam, spigot and flange joints in metal fabrications.
- Joints with movements up to 15%

Packaging

Colour: white

Packaging: 4L bucket

Shelf life

At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. Protect Against frost.

Substrates

Substrates: all kinds of ducting materials such as galvanized and stainless steel

Nature: clean, dry, free of dust and grease

We recommend a preliminary adhesion test on every surface.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 20 mm

Min. depth for joints: 5 mm

Recommended sealing jobs: Joint width = joint depth

Application method

- For more detailed info, refer to the current Technical Data Sheet on our website prior to use.
- Surface must be dry, clean, free from dust, grease / contaminants.
- Apply at temperatures between +5°C to +30°C.
- Ensure correct joint dimension and preparation, consult the technical bulletin "[Joint Preparation & Joint Dimensions](#)" on our website.
- Apply into the joint, spread a minimum of 20mm wet film thickness into well fitted joints. Seal all joints, seams and penetrations in the ductwork to ensure an airtight system.
- Smoothen with water before skin formation.
- Clean up with water immediately after use.
- Store in cool and dry place between +5°C and +25°C

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label for more information.

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 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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Remarks

- Do not use in applications where continuous water immersion is possible.
- Do not apply when rain or frost is imminent
- Duct Sealant can be painted over with most paints. The paint should be sufficiently elastic to be applied on a plasto-elastic sealant. A preliminary test is recommended.
- Prior to pressure testing allow 12 – 24 hours drying time depending on temperature, humidity and application thickness
- Do not apply Duct Sealant outdoors

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