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**Soudaduct**

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**Revision: 20/06/2012****Page 1 of 2****Technical Data:**

Base	Acrylic Dispersion
Consistency	Paste
Curing System	Physical drying
Skin formation (20°C/65% R.H.)	Approx. 20 min.
Shrinkage (DIN 52451)	15%
Specific Gravity (DIN 53479B)	1.70g/mL
Temperature Resistance	-20°C to +80°C
Maximum allowed Distortion	15%

\* This varies according to ambient conditions such as temperature, humidity, substrate etc.

**Product:**

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

**Characteristics:**

- Very easy to apply
- Low odour and solvent free
- Colour-fast and water-proof after curing
- Very good adhesion on galvanised and stainless steel
- Remains permanently flexible
- Conforms to Class A of DW144 and ISO11600 Class 12.5P

**Applications:**

- All types of HVAC duct systems including sheet metal, duct board and flexible ducts
- Sealing of seams, spigot and flange joints and metal fabrications
- Joints with movements up to 15%.

**Packaging:**

*Colour:* grey

*Packaging:* cartridge 310mL

**Shelf life:**

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

**Surfaces:**

*Type:* all kind of ducting materials

*State of Surface:* clean, dry, free of dust and grease

We recommend a preliminary compatibility test.

**Joint Size:**

*Minimum Width:* 5mm

*Maximum Width:* 20mm

*Minimum Depth:* 5mm

*Recommendation:* joint depth = joint width

**Applying the sealant:**

*Method:* Apply the sealant by means of a brush, handheld or pneumatic caulking gun. Spread a minimum of 20 mm wet film thickness with a brush, or pump into well fitted joints. Seal all joints, seams, and penetrations in the ductwork to ensure an airtight system.

*Application temperature:* +5°C to +30°C

*Clean:* Uncured Soudaduct may be removed from tools with water. Cured sealant must be removed mechanically.

*Repair:* with Soudaduct

**Health- and Safety Recommendation:**

Apply the usual industrial hygiene.

Consult the label for more information.

Remark: 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. In every case it is recommended to carry out preliminary experiments.

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**SOUDADUCT**

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**Revision: 20/06/2012****Page 2 of 2****Remarks:**

- Do not use in applications where continuous water immersion is possible.
- Do not apply when rain or frost is imminent
- Soudaduct 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 Soudaduct outdoors

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