



## Duct Sealant, Water Based

Water Based Duct Sealant for the permanent sealing of low movement assembly joints in low, medium and high-pressure ductwork installations to prevent loss of air pressure. The formulation is acrylic polymer based, plasto-elastic, solvent free HVAC ducting sealant for all types of metal ducts.

It gives a firm, but flexible seal in low movement joints with very good adhesion on galvanised and stainless steel. It's easy to apply, remains permanently flexible, has low odour and is paintable once cured. Application temperature range +5°C to +30°C.

Conforms to Class A of DW144 and ISO11600 Class 12.5P.

This single part gun grade duct sealant is water based so is especially suited for safe use in confined spaces.

### TECHNICAL INFORMATION

<b>Basis</b>	Acrylic Dispersion
<b>Consistency</b>	Paste
<b>Curing System</b>	Physical Drying
<b>Skin Formation* (23°C/50% R.H.)</b>	Ca. 20 min
<b>Density</b>	Ca. 1,70 g/ml
<b>Maximum Allowed Distortion</b>	Ca. 12 %
<b>Temperature Resistance**</b>	-20 °C → 80 °C
<b>Application Temperature</b>	5 °C → 30 °C
<b>Shrinkage</b>	Ca. 15% (DIN 52451)

\* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

\*\* This information relates to fully cured product.

### APPLICATION METHOD

- Apply 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 curing process.

#### CLEANING:

- Before curing, it can be removed with water from substrates and tools.
- Cured sealant must be removed mechanically.

#### REPAIR:

- With the same material.

## JOINT DIMENSIONS

<b>Min. Width for Joints:</b>	5 mm
<b>Max. Width for Joints:</b>	20 mm
<b>Min. Depth for Joints:</b>	5 mm
<b>Recommendation Sealing Jobs:</b>	Joint Width = Joint Depth

## APPLICATIONS

- Joints with movement till max. 12,5%
- Sealing of joints, seams and overlaps in HVAC systems

## SUBSTRATES

- **Substrates:** All kind of ducting materials.
- **Nature:** rigid, clean, dry, free of dust and grease.
- We recommend a preliminary adhesion test on every surface

## PACKAGING

<b>Colour:</b>	Grey
<b>Packaging:</b>	300ml Cartridge

## SHELF LIFE

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

## HEALTH AND SAFETY

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

## REMARKS

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

