

Ductseal WB

Product description

Ductseal WB is a flexible solvent-free sealant based on synthetic polymers. Ductseal WB is specifically developed for sealing seams and gaps in metal structures, including air ducts.

Properties

- Very easy to apply
- Colourfast and waterproof after curing
- Solvent free
- Very universal adhesion on all metals, also on zinc surfaces

Applications

- Sealing of seams and gaps in (high pressure) air ducts, spiral, square, tube etc.
- Sealing of connections of ducts, conduits, ventilation network pipes (HVAC).
- Sealing of joints with a maximal movement of $\leq 12,5\%$.

Technical data

Base	Synthetic dispersion
Consistency	Paste
Curing system	Physical drying
Skin formation	ca. 30 minutes
Density	ca. 1,59 g/ml
Application temperature	+5°C → +30°C
Temperature resistance	-20°C → +80°C
Solid content	ca. 63 %

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

Substrates

- Substrate condition
Clean, free of dust and grease.
- Substrate types
Most common porous building substrates. Ductseal WB has a good adhesion to following substrates: zinc, galvanized steel, aluminium. Ductseal WB has no good adhesion or is not suitable for natural stone, bituminous substrates, glass, Corroded metals.

Application method

- Application method
Do not apply when rain or frost is imminent during the curing process. Ductseal WB can be applied with a brush, spatula or plaster trowel. Apply the product with a manual, pneumatic or accu caulking gun.
- Cleaning method
Before curing, Ductseal WB can be removed with water from substrates and tools.
- Finishing method
Finish with a spatula or putty knife.

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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: Grey

Packaging: 310 ml cartridge, 6 kg bucket, other packaging on request

Shelf life: At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C.

Standards and certificates

- ISEGA test report: examination of fungistatic efficiency.
- Ductseal WB meets GEV EMICODE: EC1 PLUS - very low emission.
- M1 Emission classification of building materials

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.
- Can be used externally if painted afterwards.

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