

Rainproof Sealant

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Technical data

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| Basis | Silanized acrylic dispersion |
| Consistency | Paste |
| Curing system | Physical drying |
| Skin formation* (23°C/50% R.H.) | Ca. 20 min |
| Density | Ca. 1,55 g/ml |
| Maximum allowed distortion (ISO 11600) | -12.5% to +12.5% |
| Temperature resistance** | -20 °C → 80 °C |
| Application temperature | 5 °C → 30 °C |
| Shrinkage | 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.

Product description

Rainproof Sealant is a high-quality, plasto-elastic one-component joint sealant based on silanized acrylic dispersions.

Properties

- Prevents draft
- For in and outdoor use
- Impervious to mould (anti fungus)
- Very easy to apply
- Colourfast and waterproof after curing
- Can be painted over after curing
- Very good adhesion on many porous substrates, hard PVC and aluminium.
- Solvent free

Applications

- For applications that need overpainting.
- Connection joints in building industry.
- Joints on window sills, between plinths and walls, between masonry, ...
- Joints with movement till max. 12,5%

Packaging

Colour: white, grey, brown
Packaging: 290 ml 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.

Substrates

Substrates: Various porous and non-porous surfaces such as wood, concrete, stone and other materials commonly used in construction. PVC, aluminium, ceramic tiles, stone, acrylic baths, Porcelain

Nature: the substrates to be sealed must be clean, dry and free of dust.

Surface preparation: Highly porous surfaces should be primed with diluted Rainproof Sealant (1 part Rainproof Sealant + 2 parts water).

Not suitable for natural stone, bitumen, glass and metal. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. 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

Recommendation sealing jobs: joint width = joint depth. Use PE backer rods before applying the sealant in large joints to avoid 3-point adhesion.

Application method

Do not apply when rain or frost is imminent during curing process.

Application method: With manual- or pneumatic caulking gun. Finish with a spatula or putty knife.

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 are 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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Cleaning: Before curing, Rainproof Sealant can be removed with water from substrates and tools.

Finishing: Finish with a spatula or putty knife.

Repair: With the same material.

Health- and Safety Recommendations

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

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 it is recommended to do a compatibility test prior to application.

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