

Axton Windows&Doors Silicone-Acrylic Sealant

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Technical data

Basis	Acrylic dispersion
Consistency	Paste
Curing system	Physical drying
Skin formation* (23°C/50% R.H.)	Ca. 20 min
Density**	Ca. 1,50 g/ml
Maximum allowed distortion	15 %
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

Axton Windows&Doors Silicone-Acrylic Sealant is a high-quality, plasto-elastic one-component joint sealant based on acrylic dispersions.

Properties

- Very easy to apply
- Colourfast and waterproof after curing
- Can be painted over after curing
- Very good adhesion on many porous surfaces and aluminium

Applications

- Joints with movement till max. 15%
- Connection joints in building industry.
- Joints on window sills, between plinths and walls, between masonry, ...

Packaging

Colour: white

Packaging: 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: all common porous building substrates

Nature: clean, free of dust and grease.

Surface preparation: Highly porous surfaces should be primed with diluted Axton Windows&Doors Silicone-Acrylic Sealant (1 part Axton Windows&Doors Silicone-Acrylic Sealant + 2 parts water).

Not suitable for natural stone, bitumen, glass and metal. 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.

Cleaning: Before curing, Axton Windows&Doors Silicone-Acrylic Sealant can be removed with water from tiles and tools.

Finishing: Finish with a spatula or putty knife.

Repair: With the same material

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. We reserve the right to modify products without prior notice.