

ACROSIL

Multi-purpose Acrylic Sealant

Description

One-component, medium elasticity sealant based on acrylic resins, with excellent resistance to UV radiation and weather conditions. Provides very strong adhesion and durability.

Advantages

- Easy to apply
- Temperature resistance from -20°C to +80°C
- Rain resistance and waterproof after curing
- Low stress development during elongation – does not crack or tear
- Excellent adhesion without primer on most substrates
- Adheres even to slightly damp substrates
- Suitable for interior and exterior use
- Paintable with most types of paints (water-based & synthetic)
- Odorless
- Non-corrosive to metals

Technical Specifications

Color: White

Density: approx. 1.67 g/cm³

Application temperature: +5°C to +40°C

Skin formation time: 15 minutes

Curing time (5 mm): 4–5 days

Full cure: 1 month

Temperature resistance (in service): -20°C to +80°C

Tensile stress at 100% elongation (DIN 53504): 0.15 N/mm²

Hardness (Shore A): 20 ± 3

Thixotropy: Suitable for vertical joints (non-sag)

Applications

Suitable for sealing joints on porous (concrete, gypsum board, wood, brick) and non-porous (aluminum, PVC, sheet metal) substrates. Ideal for indoor and outdoor use:

- Joints between windows, sills, and frames
- Cracks in walls
- Joints with moderate movement (up to 12%)
- Excellent rain resistance a few hours after application

Not suitable for permanently immersed applications (e.g., tanks).

Instructions for use

- Ambient temperature must be above +5°C
- Avoid application under high atmospheric humidity
- Substrate must be clean, free of dust and loose materials
- For porous substrates, use of a primer or diluted sealant is recommended
- Use masking tape for a clean finish
- Apply with a cartridge gun and smooth immediately with a spatula or sponge with soapy water
- Paintable (compatibility test recommended; elastic paints are suggested)
- Before curing: clean with water (preferably warm)
- After curing: remove mechanically (scraping)

Consumption

1 m / 280 ml cartridge for a joint (width 25 mm × depth 10 mm)*

(*Consumption depends on joint dimensions.)

Packaging

280 ml cartridges

Storage

18 months from date of production, in sealed packaging and stored between +5°C and +25°C.

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

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Qualitätsmanagementsystem

Zertifiziert nach DIN EN ISO 9001

