

ACRYLIC 30 MINUTES

SEALANT THAT IS PAINTABLE AFTER 30 MINUTES



PRODUCT DESCRIPTION

High-quality, very easy to apply, elasto-plastic, acrylic dispersion based sealant for sealing joints, seams, cracks and tears. Paintable after 30 minutes and easy to tool. Can be used internally and externally. (Acrylic sealant is not suitable for permanently wet areas and permanently elastic seals. Use Bison Silicone Sealant).

FIELD OF APPLICATION

Suitable for sealing slightly working joints, seams and cracks in door and window frames, window sills, prefabricated elements, stairs, skirting boards, walls, drywalls, ceilings, corrugated sheets and conduits. Also suitable for sealing tears and cracks in interior walls. Adheres to bricks, (cellular) concrete, masonry, plasterwork, wood, glass, ceramic tiles, metal and rigid PVC. Does not adhere to bitumen, PP, PE, PTFE and silicone. For sealing window glass use Bostik Glazing Sealant. Not suitable for bitumen, silicone, polyethylene (PE), polypropylene (PP) and P.T.F.E.

PROPERTIES

- Paintable after 30 minutes
- Easy to tool
- Easy to apply
- Moisture resistant
- Resistant to temperatures between -20°C and $+75^{\circ}\text{C}$
- Very good sprayability
- Waterproof once fully cured
- UV and all-weather resistant
- Can be used internally and externally
- Permanently elasto-plastic (max. 12.5% stretch)
- Excellent bonding without primer
- Fresh stains with water removable

PREPARATION

Working conditions: Only use at temperatures between $+5^{\circ}\text{C}$ and $+40^{\circ}\text{C}$.

Surface requirements: The surface must be dry, clean and free of dust, rust and grease.

Preliminary surface treatment: For a better adhesion on porous (highly porous) substrates, they should be first covered with a diluted acrylic solution (1 part kit to 2 parts water). For a good result, cover the joint's edges with masking tape. Ensure a minimum joint width of 6 mm. Up to a joint width of 12 mm, ensure a joint depth of 6 mm. In case of wider joint widths, the joint depth should be half the joint width. Remove masking tape immediately after tooling.

Tools: Apply cartridge with a Power Pistol. Multi Tool to open the cartridge and tooling the sealant.

APPLICATION

Coverage: Content suitable for approx. 8 to 15 m (depending on the diameter of the joint).

Directions for use:

Use sealant gun to handle cartridge. Open the cartridge by cutting off the plastic nipple on the top side at the screw thread with a sharp knife. Screw on the nozzle and chamfer at the desired width. Turn the synthetic nozzle of the tube and remove aluminium protective film from the tube. Insert the nozzle again on the tube and cut it at an angle to the desired opening. For a good result, cover the joint's edges with masking tape. Ensure a minimum joint width of 4 mm and a maximum of 20 mm. Prevent three-sided bonding by filling the joint with a foam backer rod or PE film. Inject the sealant evenly into the joint and tool within 10 minutes with a wet putty knife or Bison Multi Tool. Remove the applied masking tape immediately after tooling. After 15 minutes, a surface skin will form. The sealant is paintable after 30 minutes when using a water-based paint, and after 2 hours when using a solvent-based paint.

Stains/residue: Remove wet stains immediately with water. Cured sealant residue can only be removed mechanically.

Points of attention: The sealant is all-weather resistant upon complete curing. After 30 minutes a surface skin will form that is strong enough to be painted. The sealant will shrink as it dries. A non-elastic paint may therefore tear as a result of the sealant's shrinkage.

CURE TIMES

Skin over time: approx. 15-30 minutes

Cure rate: approx. 1 mm/24 hrs

Dry/Cure time: approx. Complete cure after 8-14 days, depending on relative air humidity and temperature.

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Moisture resistance: Good

Temperature resistance: -20°C to $+80^{\circ}\text{C}$

UV resistance: Good

Mildew resistance: Nil

Paintability: Very good

Elasticity: Limited

Filling capacity: Good

TECHNICAL SPECIFICATIONS

Chemical base: Acrylic dispersion

Colour: White

Viscosity: approx. 0 mPa.s., Pasty

Solid contents: approx. 81 %

Density: approx. 1.64 g/cm³

Shrinkage: approx. 31 %

STORAGE CONDITIONS

At least 18 months after production. Opened packaging reduces the shelf life.

Store in well-sealed packaging in a cool, dry and frost-free place.