



ACRYLIC SEALANT

PAINTABLE SEALANT



PRODUCT DESCRIPTION

High-quality, very easy to apply, elasto-plastic, acrylic dispersion based sealant for sealing joints, seams, cracks and tears. Paintable and easy to tool. Can be used indoors and outdoors. (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, panelling, stairs, skirting boards, walls, drywalls, ceilings and conduits. Also suitable for sealing small cracks and cracks in walls. Adheres to bricks, (cellular) concrete, masonry, plasterwork, wood, metals and most porous substrates. Does not adhere to bitumen, PE, PP, PTFE and silicone. For sealing window glass use Bison Glazing Sealant. Not suitable for bitumen, silicone, polyethylene (PE), polypropylene (PP) and P.T.F.E.

PROPERTIES

- Paintable
- Easy to tool
- Easy to apply
- Moisture resistant
- Excellent bonding without primer
- 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)
- Resistant to temperatures between -20°C and +75°C

PREPARATION

Working conditions: Only apply at temperatures between +5°C and +40°C.

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

Preliminary surface treatment: 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. Ensure a minimum joint width of 6 mm and a maximum of 24 mm. The depth of the joint must be 6 to 9 mm. Inject the sealant evenly into the joint and tool within 15 minutes with a wet putty knife or Bison Multi Tool. Remove the applied masking tape immediately after tooling. A surface skin will form in 1 hour.

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

Points of attention: The sealant is paintable upon complete curing.

CURE TIMES*

Skinover time: approx. Within 15 minutes of applying, use a wet finger or putty tool to smoothen/flatten surface area.

Cure rate: approx. 1 mm/24 hrs

Drying/Curing time: approx. After 1 hour a surface skin is formed. The sealant will be completely hardened after a period of 8 to 14 days, depending on relative humidity and temperatures.

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

TECHNICAL PROPERTIES

Moisture resistance: Good

Temperature resistance: Between -10°C and +80°C

UV resistance: Good

Mildew resistance: Nil

Paintability: Very Good

Elasticity: Limited

Filling capacity: Good

TECHNICAL SPECIFICATIONS

Chemical base: Acrylaatdispersion

Colour: Grey

Viscosity: approx. Pasty

Solid matter: approx. 83 %

Density: approx. 1.7 g/cm³

Shrinkage: approx. 17 %

Max. allowed distortion: approx. 12.5 %



ACRYLIC SEALANT

PAINTABLE SEALANT

STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening.
Store in well-sealed packaging in a cool, dry and frost free place.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.