ACRYLIC UNIVERSAL

PAINTABLE ACRYLIC SEALANT.



PRODUCT DESCRIPTION

High-quality, easy-to-use, elasto-plastic sealant based on acrylic dispersion for sealing joints, cracks and gaps. Paintable. Can be tooled neatly. For use indoors and outdoors. (Acrylic sealant is not suitable voor permanently wet places, nor for permanently elastic joints. In these cases, use Bison Silicone Sealant).

FIELD OF APPLICATION

Sealing joints, gaps and cracks with little movement at door and window frames, window sills, prefab elements, staircases, skirting boards, walls, gypsum boards, ceilings, corrugated iron boards and conduits. Also suitable for sealing cracks in interior walls. Bonds to brick, (cellular) concrete, masonry, plasterwork, wood, glass, ceramic tiles, metals and rigid PVC. Does not bond to bitumen, PE, PP, P.T.F. E. and to silicones. Not suitable for Does not bond to bitumen, PE, PP, P.T.F. E. and to silicones.

PROPERTIES

- Paintable
- Can be tooled neatly
- Easy to use
- Moisture resistant
- Excellent bonding without primer
- Easy to apply
- Waterproof after complete cure
- UV and weather resistant
- For use indoors and outdoors
- Permanently elasto-plastic (max. 12,5% elasticity)
- Temperature resistant from -20°C to +75°C
- Fresh stains can be removed with water

PREPARATION

Working conditions: Between +5°C and +40°C.
Condition of materials: Surface must be dry, clean and free of dust, rust and grease. Degrease metals with Bison Thinner.
Preliminary treatment: For better bonding to porous surfaces, pretreat surface with a diluted acrylic sealant solution (1 part sealant, 2 parts water). For a neat result use masking-tape along sides of joint. To avoid three-sided bonding and to obtain correct joint-depth, first fill joint with foam backer rod or PE foil.
Tools required: Use sealant gun (Bison Click Gun) to handle cartridge.

APPLICATION

Coverage: 1 cartridge for 8 m., joint size 6x6 mm
Directions for use:
Cut off plastic nipple above screw thread. Attach plastic nozzle to cartridge and cut it slantwise at desired bead size. Use sealant gun to handle cartridge. Ensure joint width is between 6 and 24 mm. Joint depth should be 6 to 9 mm. Fill joint evenly with sealant and tool within 10 minutes using a wetted putty knife. Remove masking tape immediately after tooling.
Stains/residue: Remove fresh stains immediately with water. Dried sealant can only be removed mechanically.
Points of attention: After complete cure, sealant is paintable and all weather resistant.

CURE TIMES

Skin over time: approx. 15 minutes.
Cure rate: approx. 1 mm/24 hrs
Dry/Cure time: approx. Tack-free after 30 minutes. 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°C
UV resistance: Good
Mould resistance: Nil
Paintability: Very good
Elasticity: Limited
Filling capacity: Good

TECHNICAL SPECIFICATIONS

Base: Acrylic dispersion
Colour: White
Viscosity: Pasty
Solid contents: approx. 78 %
Density: approx. 1,6 g/cm^3
Shrinkage: approx. 35 %

SHELF LIFE

At least 24 months after date of manufacture. Limited shelf life after opening. Store well-closed 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.

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