ACRYLIC UNIVERSAL

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, polyethylene (PE), polypropylene (PP), PTFE and silicone.

PROPERTIES

· Paintable
· Easy to tool
· Easy to apply
· Moisture resistant
· Excellent bonding without primer
· 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 better adhesion on porous (highly porous) substrates, they should be first covered with a diluted acrylic solution (1 part sealant 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 contents with BISON 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 10 minutes with a moist putty knife. Remove the applied masking tape immediately after tooling.
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.

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TECHNICAL SPECIFICATIONS

Chemical base:	Acrylic dispersion
Density approx.:	1,60 g/cm³
Drying/Curing time approx.*:	Tack-free after 30 minutes. Complete cure after 8-14 days, depending on relative air humidity and temperature.
Elasticity:	Limited
Filling capacity:	Good
Minimum application temperature:	5 °C
Maximum application temperature:	40 °C
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	80 °C
Mildew resistance:	Nil
Moisture resistance:	Good
Skinover time:	15 minutes
Solid matter approx.:	78 %
UV resistance:	Good
Viscosity:	Pasty

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

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