

# 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.

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.



# ACRYLIC UNIVERSAL PAINTABLE SEALANT

#### TECHNICAL SPECIFICATIONS

Chemical base: Acrylic dispersion  Density approx.: 1,60 g/cm³  Drying/Curing time approx.*: Complete cure after 30 minutes. Complete cure after 8-14 days, depending on relative air humidity and temperature.  Elasticity: Limited  Filling capacity: Good  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance: Nil  Moisture resistance: Good  Skinover time: 15 minutes  Solid matter approx.: 78 %  UV resistance: Good  Viscosity: Pasty	TECHNICAL SPECIFICATIONS	
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:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance:  Mildew resistance:  Solid matter approx.:  Tack-free after 30 minutes.  Complete cure after 8-14 days, depending on relative air humidity and temperature.  40 °C  **C**  **C**  **C**  **C**  **C**  **C**  **Example 1 of 1 o	Chemical base:	Acrylic dispersion
approx.*:  Complete cure after 8-14 days, depending on relative air humidity and temperature.  Elasticity:  Limited  Filling capacity:  Good  Minimum application temperature:  Maximum application temperature:  Minimum temperature resistance:  Maximum temperature resistance:  Mildew resistance:  Mildew resistance:  Moisture resistance:  Solid matter approx.:  Good  Complete cure after 8-14 days, depending on relative air humidity and temperature.  Elasticity:  Limited  5 °C  40 °C  Complete cure after 8-14 days, depending on relative air humidity and temperature.  Sol o °C  Sol o °C  Skinover time:  J 5 minutes  Solid matter approx.:  Good	Density approx.:	1,60 g/cm <sup>3</sup>
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UV resistance: Good	Skinover time:	15 minutes
	Solid matter approx.:	78 %
Viscosity: Pasty	UV resistance:	Good
	Viscosity:	Pasty

<sup>\*</sup> 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.

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.