

SILICONE UNIVERSAL

UNIVERSAL SILICONE SEALANT



PRODUCT DESCRIPTION

High quality, universal, permanently elastic, water resistant sealant on an acetic acid base. Can be used internally and externally. UV and all-weather resistant.

FIELD OF APPLICATION

Suitable for sealing joints, seams and cracks in all kinds of applications. Suitable for sealings in sanitary and construction applications, for example, in the house, glass construction, display case construction, cars, boats and caravans. Also suitable for bonding and sealing clear glass, display cases and display windows. Adheres to almost all materials. Not suitable for bitumen, polyethylene, polypropylene, PTFE and aquariums. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

PROPERTIES

- (Sea)water resistant
- Permanently elastic
- UV and all-weather resistant
- Mould resistant
- Excellent bonding on all surfaces
- Chemical resistant
- Colourfast
- Easy to apply
- Resistant to temperatures between -50°C and +120°C

PREPARATION

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

Surface requirements: The surface should be dry, clean and free of dust and grease. Synthetics should first be roughened and/or pre-treated with Bison Silicone Primer.

Preliminary surface treatment: For a good result, cover the joint's edges

with masking tape. If necessary, prevent three-sided bonding by filling the joint with a foam backer rod or PE film.

Tools: Use sealant gun to handle cartridge.

APPLICATION

Coverage: 1 cartridge for approx. 8 m., joint size 6x6 mm

Directions for use:

Use sealant gun to handle cartridge. Open cartridge by cutting off plastic nipple above screw thread with a sharp knife. Attach nozzle to cartridge and cut it slantwise at desired bead size. Ensure joint size is between 6 mm and 20 mm. Joint depth depends on joint width. Up to 12 mm, keep to a joint depth of 6 mm. Above that, joint depth is half the size of joint width. Fill joint evenly with sealant and tool within 10 minutes using a puttyknife wetted with a soap solution. Remove masking tape immediately after tooling. A surface skin will appear after approx. 10 minutes.

Stains/residue: Remove fresh stains immediately with white spirit. Cured sealant residue can only be removed mechanically.

Points of attention: Silicones cure under the influence of air humidity. Contact with air humidity is therefore essential during curing. Always allow for a joint width of at least 6 mm.

CURE TIMES

Skin over time: approx. 10 minutes.

Cure rate: approx. 3 mm/24 hrs

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

TECHNICAL PROPERTIES

Water resistance: Very good

Temperature resistance: -40°C to +150°C

UV resistance: Very good

Mildew resistance: Good

Chemicals resistance: Very good

Paintability: Not paintable

Elasticity: Very good

Filling capacity: Good

TECHNICAL SPECIFICATIONS

Chemical base: Silicone elastomer

Colour: Transparent

Viscosity: Pasty

Density: approx. 1.03 g/cm³

Flash point: K3 (>55°C)

Hardness (Shore A): approx. 22

Elasticity E-modulus: approx. 0,5 MPa

Elongation of rupture: approx. 300 %

STORAGE CONDITIONS

At least 18 months after date of manufacture. Limited shelf life after opening. Store in properly sealed packaging in a dry place at between +5°C and +25°C.