



SILICONE SEALANT SANITARY

WATER-RESISTANT SILICONE SEALANT FOR ALL SANITARY SEALINGS



PRODUCT DESCRIPTION

High-quality, permanently elastic and water resistant silicone sealant on an acetic acid base for sanitary seals. Resistant to mould. Loadable with water after 2 hours.

FIELD OF APPLICATION

Suitable for sealing joints, seams and cracks in bathrooms, kitchens, toilets and showers. Specifically for sealings in sanitary and ceramic applications, such as joints between wall tiles and bath tubs, shower cubicles, bathroom sinks, kitchen counters, sinks and between tiled walls. Adheres to clear glass, ceramics, glazed tiles, enamel, metal, wood and various synthetics. Does not bond to bitumen, polyethylene, polypropylene and PTFE. For acrylic baths, shower basins and synthetic shower walls use Bison Silicone for Acrylic Baths. Not suitable for aquariums, acrylic, bitumen, polyethylene (PE), polypropylene (PP) and PTFE

PROPERTIES

- Mould resistant
- 2 Hours topspeed quality
- (Sea)water resistant
- Excellent bonding without primer
- Chemical resistant
- Colourfast
- Permanently elastic
- UV and all-weather resistant
- Resistant to temperatures between -30°C and +150°C
- Easy to apply

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, paint and grease. Pretreat synthetics with Bison Silicone Primer. Synthetics must first be roughened.

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: 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 20 mm. The joint depth depends on the joint width. Keep a joint depth of 6 mm up to a joint width of 12 mm. Beyond that, the joint depth should be half the joint width. Apply the sealant evenly and smooth it within 10 minutes with a mild soap solution (use Bison Multi Tool). Remove the applied masking tape immediately after tooling. After approx. 15 minutes, a surface skin will form. Cured silicone sealant can only be removed mechanically.

Stains/residue: Immediately remove stains with white spirit. The cured sealant can only be removed mechanically or with Bison silicone sealant residue remover.

Points of attention: Silicone hardens under the influence of humidity. Contact with humidity is therefore absolutely necessary during curing. Always consider a joint of at least 6 mm wide. By applying masking tape along the joints completely smooth seams are achieved, remove the tape immediately after smoothing. The sealant is loadable with water after 2 hours; however, do not touch or load mechanically.

CURE TIMES*

Skinover time: approx. 13 minutes

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

TECHNICAL PROPERTIES

Moisture resistance: Very good

Water resistance: Very good

Temperature resistance: -50°C - +120°C

UV resistance: Very good

Mildew resistance: Very good

Chemicals resistance: Very good

Paintability: No

Elasticity: Very good

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: Silicone elastomer



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Colour: Transparent

Viscosity: approx. Pasty

Density: approx. 0.97 g/cm³

Flash point: K3 (>55°C)

Hardness (Shore A): approx. 15

100% modulus: approx. 0.3 MPa

Elongation of rupture: approx. 600 %

STORAGE CONDITIONS

At least 24 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.