



SILICONE SEALANT GLASS

SILICONE SEALANT FOR GLAZING APPLICATIONS



PRODUCT DESCRIPTION

High quality silicone sealant for glass applications (aquariums, display case construction, glass constructions, display windows) and for 3D applications. Water-resistant, permanently elastic, colourfast, UV en water-resistant.

FIELD OF APPLICATION

Suitable for sealing joints, seams and cracks in the house, glass construction, display case construction, cars, boats and caravans. Especially suitable for bonding and sealing clear glass, frameless aquariums, display cases, display windows, glass terrariums, water basins and (double) glass constructions. Adheres to clear glass (non-coated, single-layered), ceramics, glazed tiles, enamel, metal (including aluminium) and various synthetics. Does not bond to bitumen, polyethylene, polypropylene and PTFE. Can also be used for bonding 3D carton.

PROPERTIES

- (Sea)water resistant
- Permanently elastic
- UV and all-weather resistant
- Excellent bonding without primer
- Resistant to temperatures between -50°C and +150°C
- Chemical resistant
- Easy to apply
- Colourfast
- 100% silicone

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.

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. Inject the sealant evenly into the joint, then within 10 minutes tool with a putty knife or other tool, moistened with a soap solution. After approx. 15 minutes, a surface skin will form. Before putting plants and fish in the aquarium, bonded and/or jointed aquariums will need to air for 4-8 days. After that, the aquarium must have been filled with fresh water 3 to 4 times over a 24-hour time period.

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.

CURE TIMES*

Skinover time: approx. 10 minutes

Cure rate: approx. 2 mm/24 hrs

* 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 - +180°C

UV resistance: Very good

Mildew resistance: Nil

Chemicals resistance: Very good

Paintability: Nil

Elasticity: Very good

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: Silicone elastomer

Colour: Transparent

Viscosity: approx. Pasty

Density: approx. 1.04 g/cm³

Hardness (Shore A): approx. 25

100% modulus: approx. 0.3 MPa

Max. allowed distortion: approx. 20 %

Elongation of rupture: approx. 650 %

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.



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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.