

SILICONE GLASS

SILICONE GLASS SEALANT



PRODUCT DESCRIPTION

High quality, permanently elastic, water resistant silicone sealant for glass applications.

FIELD OF APPLICATION

For sealing joints, seams and cracks in the house, glass construction, display case construction, car, boat and caravan. Especially suitable for bonding and sealing clear glass, frameless aquariums, display cases, display windows, glass terrariums, water basins and (double) glass constructions. Also suitable for sealing joints in glazing systems. Adheres to clear glass (non-coated, single-layered), ceramics, glazed tiles, enamel, metals (including aluminium and stainless steel) and various synthetics. Not suitable for Not suitable for bitumen, polyethylene, polypropylene, PTFE and acrylic fibre.

PROPERTIES

· (Sea)water resistant · 100% silicone · Permanently elastic · UV and all-weather resistant · Easy to apply · Temperature resistant from -50°C to +180°C · Resistant to chemicals

PREPARATION

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

Surface requirements: The surface should be dry, clean and free of dust and grease.

Tools: Use Bison Silicone Multi Tool to open cartridge and tool sealant. Use Bison Click Gun to handle cartridge.

APPLICATION

Directions for use:

Open cartridge by cutting plastic nipple above screw thread with a sharp knife. Attach nozzle and cut it slantwise at desired bead size. Fill joint evenly with sealant and tool within 10 minutes using a putty knife or Bison Multi Tool wetted with a soap solution. A surface skin will appear after approx. 15 minutes. Leave glued and/or sealed aquariums to air for 4-8 days before putting in plants or fish. After that, fill aquarium 3 to 4 times with fresh water every 24 hours.

Stains/residue: Remove fresh stains immediately with acetone. Cured sealant 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. For perfectly smooth joints, mask areas adjacent to joint with masking tape. Remove tape immediately after tooling.

CURE TIMES

Skin over time: approx. 15 minutes

* 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: -50°C to +150°C

UV resistance: Very good

Mildew resistance: Nil

Chemicals resistance: Very good

Paintability: Not paintable

Elasticity: Very good

Filling capacity: Very 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. 25

Elasticity E-modulus: approx. 0,49 MPa

Elongation of rupture: approx. 115 %

STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening.

Store in properly closed packaging in a cool and frost free place at a temperature between +5°C and +25°C.