



SIL UV RES

PROFESSIONAL, UV AND ALL-WEATHER RESISTANT SILICONE SEALANT



PRODUCT DESCRIPTION

Professional, UV and all-weather resistant sealant on acetic acid basis. Especially for permanently elastic sealing of joints, seams and cracks in glass and metal in combination with another material.

FIELD OF APPLICATION

Suitable for the sealing of joints, seams and cracks in glass and metal, in combination with another material. For sealing joints, seams and cracks in the house, glass construction, display case construction, car, boat and caravan. Especially for bonding and grouting of clear glass, frameless aquariums, showcases, shop windows, glass terrariums, water basins and (double) glazed constructions. Bonds to clear glass (non-coated, non-layered), ceramics, glazed tiles, enamel, metal (aluminium) and various synthetics. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

PROPERTIES

- Water resistant
- Permanently elastic
- UV and all-weather resistant
- Excellent bonding without primer
- Chemical resistant

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: Sand synthetics lightly with sandpaper. For a good result, cover the joint's edges with masking tape. In order to prevent three-sided bonding and to ensure the right joint depth, fill joints with a foam backer rod or PE film.

Tools: Apply cartridge contents with Bostik Click Gun. 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 4 mm and a maximum of 25 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. Inject the sealant evenly into the joint and tool within 10 minutes with a putty knife or finger, moistened with a soap solution.

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

Advice: Use Bostik SIL Sanitari for sanitary sealings.

Use Bostik Poly Max® for a paintable, water resistant and permanently elastic seal.

Points of attention: Ensure the joint remains dry for at least the first 8 hours.

When used in aquariums or terrariums, ventilate well for 4-8 days and then completely fill with water 3 to 4 times (each time for 24 hours) before planting or populating with fish.

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

Viscosity: approx. Pasty

Density: approx. 1.04 g/cm³

Shrinkage: approx. 0 %

Hardness (Shore A): approx. 25

100% modulus: approx. 0.3 MPa



SIL UV RES

PROFESSIONAL, UV AND ALL-WEATHER RESISTANT SILICONE SEALANT

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.