



# 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- and 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 (not harmful for aquatic life after curing), 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
- Not harmful for aquatic life

### 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:** BISON Silicone Multi Tool for tooling the sealant.

### APPLICATION

**Coverage:** 1 cartridge for approx. 8-15 m (depending on the diameter of the joint).

#### Directions for use:

Turn the cap off the tube Cut the synthetic cannula diagonally. Inject the sealant evenly into the joint, then within 10 minutes tool with BISON Multi Tool or 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.

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.



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### TECHNICAL SPECIFICATIONS

100% modulus:	0.3 MPa
Chemical base:	Silicone elastomer
Chemicals resistance:	Very good
Colour:	Transparent
Cure rate:	2 mm/24h
Density approx.:	1.04 g/cm <sup>3</sup>
Elasticity:	Very good
Elongation of rupture:	650 %
Filling capacity:	Very good
Flash point:	K3 (>55°C)
Hardness (Shore A):	25
Max. allowed distortion:	20 %
Minimum temperature resistance:	-50 °C
Maximum temperature resistance:	180 °C
Mildew resistance:	Nil
Moisture resistance:	Very good
Paintability:	Nil
Skinover time:	10 minutes
UV resistance:	Very good
Viscosity:	Pasty
Water resistance:	Very good

### STORAGE CONDITIONS

Store in properly sealed packaging in a dry place at between +5 °C and +25 °C.

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