

# SILICONE UNIVERSAL

## UNIVERSAL SILICONE SEALANT.



### PRODUCT DESCRIPTION

High quality, universal, permanently elastic, water resistant sealant on an acetic acid base. Can be used indoors and outdoors. UV and all-weather resistant.

### FIELD OF APPLICATION

For sealing joints, seams and cracks in all applications. Suitable for sealings in sanitary and construction applications, for example in the house, glass construction, display case construction, car, boat and caravan. Also suitable for bonding and sealing clear glass, display cases and display windows. Adheres to almost all materials. Not suitable for bitumen, polyethylene, polypropylene, PTFE and aquariums.

### PROPERTIES

• (Sea)water resistant • Permanently elastic • UV and all-weather resistant • Resistant to mould • Excellent adhesion to all surfaces • Resistant to chemicals • Colourfast • Easy to apply • Temperature resistant from -50°C to +120°C

### 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. Synthetics should first be roughened and/or pre-treated with Bison Silicone Primer.

**Preliminary surface treatment:** 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.

### APPLICATION

**Coverage:** 1 tube for approx. 1,5 m, joint size 6x6 mm

#### Directions for use:

Screw cap from tube and use sharp-pointed top to pierce seal with a turning

movement. Screw plastic nozzle on tube and cut it slantwise. Fill joint evenly with sealant and tool within 10 minutes using a putty knife or other tool wetted with a soap solution. Curing: 3 mm in 24 hrs, 5 mm in 3 days. Tip: for perfectly smooth joints, mask areas adjacent to joint with masking tape. Remove tape immediately after tooling.

**Stains/residue:** Remove fresh stains immediately with white spirit. Cured sealant residue 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. Always allow for a joint width of at least 6 mm. For perfectly smooth joints, mask areas adjacent to joint with masking tape. Remove tape immediately after tooling.

### CURE TIMES

**Skin over time:** approx. 10 minutes.

**Cure rate:** approx. 3 mm/24 hrs

\* 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:** -40°C to +150°C

**UV resistance:** Very good

**Mildew resistance:** Good

**Chemicals resistance:** Very good

**Paintability:** Not paintable

**Elasticity:** Very good

**Filling capacity:** Good

### TECHNICAL SPECIFICATIONS

**Chemical base:** Silicone elastomer

**Colour:** Transparent

**Viscosity:** Pasty

**Density:** approx. 1.03 g/cm<sup>3</sup>

**Flash point:** K3 (>55°C)

**Hardness (Shore A):** approx. 22

**Elasticity E-modulus:** approx. 0,5 MPa

**Elongation of rupture:** approx. 300 %

### 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.