



# 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

Suitable for sealing joints, seams and cracks in all kinds of 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. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

### PROPERTIES

- (Sea)water resistant
- Permanently elastic
- UV and all-weather resistant
- Mould resistant
- Excellent bonding on all surfaces
- Chemical resistant
- Colourfast
- Easy to apply
- Resistant to temperatures between -50°C and +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. If necessary, prevent three-sided bonding by filling the joint with a foam backer rod or PE film.

**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. Ensure a minimum joint width of 6 mm and a maximum of 20 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, moistened with a soap solution. Remove the applied masking tape immediately after tooling. After approx. 15 minutes, a surface skin will form.

**Stains/residue:** Immediately remove stains with white spirit. Cured sealant can only be removed mechanically.

**Points of attention:** Silicone hardens under the influence of humidity. Contact with humidity is therefore absolutely necessary during curing. Always consider a joint of at least 6 mm wide.

### CURE TIMES\*

**Skinover time:** approx. 13 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 - +120°C

**UV resistance:** Very good

**Mildew resistance:** Very good

**Chemicals resistance:** Very good

**Paintability:** Nil

**Elasticity:** Very good

**Filling capacity:** Very good

### TECHNICAL SPECIFICATIONS

**Chemical base:** Silicone elastomer

**Viscosity:** approx. Pasty

**Density:** approx. 0.97 g/cm<sup>3</sup>

**Flash point:** K3 (>55°C)

**Hardness (Shore A):** approx. 15

**100% modulus:** approx. 0.3 MPa

**Elongation of rupture:** approx. 600 %



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### 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.

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.