



# SIL UNIVERSALE – BOSTIK

## UNIVERSAL, PERMANENTLY ELASTIC AND MOULD RESISTANT SILICON SEALANT



### PRODUCT DESCRIPTION

Professional, permanently elastic and water resistant silicone sealant on an acetic acid base for universal usage. For sealing joints, seams and cracks. Can be used indoors and outdoors. Impervious to mould, UV and all-weather resistant.

### FIELD OF APPLICATION

Suitable for sealing joints, seams and cracks. Suitable for seals around numerous building construction and plumbing applications, such as showers, toilets and various connecting joints, such as with tiles, draining boards or connections between walls and window frames and door frames. Adheres to almost all materials, such as glass, ceramic tiles, wood, metal, enamel, rigid PVC and various synthetics. Not suitable for glazing applications and also not suitable for aquariums. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

### PROPERTIES

- Water resistant
- Mould resistant
- Permanently elastic
- UV and all-weather resistant
- Excellent bonding on all surfaces without primer
- Chemical resistant
- Easy to apply
- Colourfast

### 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-UV RES for sealing in glazing and aquariums.

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

For acrylic baths, shower basins and synthetic shower walls we recommend to use a neutral (acid free) silicone sealant such as Bostik SIL Neutro.

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

### CURE TIMES\*

**Skinover time:** approx. 13 minutes

\* 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:** No

**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>

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



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

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

### 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.