



# SILICONE SEALANT CONSTRUCTION

## SILICONE SEALANT FOR ALL CONSTRUCTION SEALS



### PRODUCT DESCRIPTION

High quality, permanently elastic, water resistant Acetic silicone sealant for all construction joints.

### FIELD OF APPLICATION

Suitable for sealing moving joints, dilatation and connection joints, seams and cracks in construction, houses, cars, boats and caravans. Universal adhesion without primer on all common building materials, such as concrete, stone, ceramics, enamel, glass, metal, rubber and wood. Does not bond to bitumen, polyethylene, polypropylene and PTFE.

Not suitable for aquariums, polyethylene (PE), polypropylene (PP), PTFE and bitumen.

### PROPERTIES

- High Quality
- (Sea)water resistant
- 100% silicone
- Permanently elastic
- Excellent bonding on all materials
- Chemical resistant
- Colourfast
- UV and all-weather resistant
- Resistant to temperatures between -50°C and +120°C
- Easy to apply

### 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:** 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 BOSTIK Cartridge 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 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. Apply the sealant evenly into the joint, then within 10 minutes tool with a sealant smoother or BOSTIK Multi Tool moistened with a non-aggressive or mild soap solution. Remove the applied masking tape immediately after tooling. After approx. 15 minutes, a surface skin will form. Cured silicone sealant can only be removed mechanically. For aquariums use only BOSTIK Silicone Sealant Glass.

**Stains/residue:** Immediately remove stains with white spirit. Cured sealant can be removed mechanically or with BOSTIK silicone sealant residue remover.

**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.

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
Cure rate:	2 mm/24h
Density approx.:	0.99 g/cm <sup>3</sup>
Elasticity:	Very good
Elongation of rupture:	500 %
Filling capacity:	Very good
Flash point:	K3 (>55°C)
Hardness (Shore A):	15
Max. allowed distortion:	12.5 %
Minimum temperature resistance:	-30 °C
Maximum temperature resistance:	150 °C
Mildew resistance:	Very good
Moisture resistance:	Very good
Paintability:	Nil
Skinover time:	15 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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