



SILICONE SEALANT CONSTRUCTION

NEUTRAL SILICONE SEALANT FOR ALL CONSTRUCTION SEALS



PRODUCT DESCRIPTION

High quality neutral, permanently elastic, water resistant silicone sealant for all construction sealings.

FIELD OF APPLICATION

Suitable for sealing moving joints, dilatation and connection joints, seams and cracks in construction, houses, cars, boats and caravans. Ideal for synthetics (PVC door and window frames, polycarbonate and plexiglas domes), stone and masonry and (sensitive) metal (copper, zinc, iron, aluminium, brass, stainless steel). Universal adhesion without primer on all common building materials, such as concrete, stone, (natural) stone, ceramics, enamel, glass, metal, rubber, wood and synthetics (acrylic, PVC, ABS, polystyrene, polyester). Does not bond to bitumen, polyethylene, polypropylene and PTFE. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

PROPERTIES

- Neutral, acid-free
- (Sea)water resistant
- Permanently elastic
- Excellent bonding on all materials
- Chemical resistant
- Colourfast
- UV and all-weather resistant
- Resistant to temperatures between -40°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, paint 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 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. Apply the sealant evenly into the joint, then within 10 minutes tool with a sealant smoother or Bison 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 Bison Silicone Sealant Glass.

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. Alijd consider a joint of at least 6 mm wide.

CURE TIMES*

Cure rate: approx. 5 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

UV resistance: Very good

Mildew resistance: Very good

Elasticity: Very good

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Colour: White

Viscosity: approx. Pasty

Density: approx. 1,02 g/cm³

Flash point: K3 (>55°C)

Hardness (Shore A): approx. 12

100% modulus: approx. 0.25 MPa

Elongation of rupture: approx. 500 %



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STORAGE CONDITIONS

At least 12 months after production. 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.