SILICONE SANITAIRE S-100

WATER-RESISTANT SILICONE SEALANT FOR ALL SANITARY SEALINGS



PRODUCT DESCRIPTION

High-quality, acid, permanently elastic, water resistant sanitary silicone sealant.

FIELD OF APPLICATION

Suitable for sealing seams, joints and gaps, e.g., in bathrooms, showers, toilets and kitchens. Bonds, among other things, to (glazed) tiles, enamel, ceramics, various metals (aluminium / stainless steel) and glass. Not suitable for acrylic, PVC, marble, natural stone, bitumen, PE, PP, PTFE. In acrylic bathtubs, synthetic shower bases and shower walls use GRIFFON Silicone Sealant S-200.
Not suitable for acrylics, PVC, bitumen, polyethylene, polypropylene and PTFE.

PROPERTIES

· Very fast curing
· Easy to apply
· Mould resistant
· Permanently elastic
· Colourfast
· Water resistant
· UV resistant
· Resistant to cleaning agents

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. Prime synthetics with Silicon Primer. Synthetics must first be roughened.
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.

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 and smooth it within 10 minutes with a mild soap solution (use GRIFFON Silicone Finish and Multi-tool). 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.
Stains/residue: Immediately remove stains with white spirit. The cured sealant can be removed either mechanically or with GRIFFON silicone sealant residue remover.
Advice: In acrylic bathtubs, synthetic shower bases and shower walls use GRIFFON Silicone Sealant S-200.
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. By applying masking tape along the joints completely smooth seams are achieved, remove the tape immediately after smoothing. The sealant is loadable with water after 2 hours, however, do not touch or load mechanically.

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.:	0.97 g/cm³
Elasticity:	Very good
Elongation of rupture:	600 %
Filling capacity:	Very good
Flash point:	K3 (>55°C)
Hardness (Shore A):	15
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	120 °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

Shelf life: At least 24 months after production.
Store in properly sealed packaging in a dry place at between +5°C and +25°C.
Limited shelf life after opening.

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