

AKKIT 601

SANITARY SILICONE

- ▶ Outstandingly suited for waterproofing in wet-duty areas, in bathroom and kitchen area.
- ▶ fungus inhibiting ▶ water-resistant ▶ permanently elastic ▶ high adhesion

Product features

Ascetic curing, permanently elastic, silicone-based joint sealant.
For joint movements to max. 25% total deformation.
Easy to process, colour-fast and UV-resistant.
*Fungicidal, prevents fungal infestation and mould infestation on the sealant.

Application

For elastic joint sealing in wet-duty areas, in the bathroom and kitchen area.
For sealing connecting joints, for example, between sink and wall.

Product data

Colours: transparent and coloured
Delivery form: 310 ml cartridges
Storage: Can be stored for 18 months in the sealed packaging in a cool (frost-free) and dry storage location, at temperatures between +5 °C and +25 °C.

Technical information

Basis: polysiloxane
Consistency: stable paste
Curing system: polymerisation through humidity
²⁾ Curing: approx. 2 mm/24 h
²⁾ Skin formation: approx. 7 minutes
Hardness: 25 ± 5 Shore A
Density: 1.03 g/ml (transp.); 1.25 g/ml (colours)
Temperature resistance: -40 °C to +150 °C
Resilience: > 90%
Maximum deformation: 25 %
Modulus of elasticity 100 %: 0.40 N/mm² (DIN 53504)
Maximum tension: 1.60 N/mm² (DIN 53504)
Elongation at break: > 500 % (DIN 53504)
Coverage: approx. 12 running meters / cartridge
at 5 x 5 mm joint dimension
Joint dimensions: minimum width: 5 mm
maximum width: 30 mm
minimum depth: 5 mm
recommended: 2 x joint depth = joint width

²⁾ At +20 °C and 65% relative humidity. These values can vary due to ambient factors, such as temperature, moisture and type of substrate.



Processing

Application method: manual or with compressed air gun. Cut off the nozzle at a diagonal appropriate for the joint width. If necessary mask joint edges. Fill out joint uniformly with silicon. Prior to skin formation (approx. 7 minutes) use a joint trowel and weak soap solution to smooth the joints. Remove the adhesive tape immediately thereafter.

Repair possibility: with the same materials.

Processing climate temperature: +5 °C to +35 °C

Ambient humidity: > 30 %

Substrates: all standards substrates in the kitchen and sanitary area, such as tiles, glass, glazed surfaces, enamel, ceramic, porcelain, anodised aluminium, etc. (except PE/PP).

Preliminary substrate treatment: The bonding surfaces must be clean, and free of dust and grease. Pre-treat porous substrates with silicone primer. For various plastics (e.g. acrylic bathtubs) pre-treat the bonding surfaces with silicone primer.

We recommend that you first execute a bonding test on each substrate.

Cleaning agent for tools: turpentine for fresh sealant.

Joint repair: Carefully cut out cured sealant, then use silicone remover for further treatment.

Important information

Cannot be painted over. Due to the acidic characteristics while the sealant is curing, some metals (e.g. copper, lead, zinc, brass) can be corroded. Sanitary silicone must not be used in an aquarium, on marble / natural stone, on bituminous substrates and on untreated (non-primed) absorbent substrates, e.g. concrete, raw timber. Contact with materials that have a softening effect, such as EPDM, APTK, chloroprene rubber, (neoprene), butyl, insulating paints and foams must be avoided; as contact with these materials can cause incompatibilities, such as discolouration or loss of adhesion.

Occupational health and safety

*Contains octylisothiazolinone. Not subject to mandatory identification. Comply with the usual occupational health and safety regulations. If there is skin contact, remove the material and wash with water and soap. Keep away from children. Contact with sensitive skin can cause irritations. Ensure good ventilation during the sealant's curing phase. See the safety data sheet and the instructions on the cartridge for information on composition, handling, cleaning, appropriate measures, and disposal.

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NOTE: The above information and technical application advice provided orally or in writing or through tests is offered to the best of our knowledge, however it only applies as non-binding information, also relative to possible third party proprietary rights. Consultation does not release you from the responsibility of performing your own test of our consulting instructions and our products relative to suitability for the intended procedures and purposes. Application, use, and processing of our products, and products manufactured by you based on our technical application consultation, occurs outside of our control possibilities, and consequently are solely within your sphere of responsibility. Our products are sold subject to our General Terms and Conditions.

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