LUGATO

SCHIMMEL-STOPPER-SILICON



Premium sealant for a flexible joint seal with long-term protection against mould.

Improved recipe*

Product performance

- Acid-curing silicone sealant of the highest quality.
- For flexible jointing in the entire sanitary area, in the kitchen and for outdoor use. Also for acrylic bathtubs.
- Protects against bacteria and fungi.
- Suitable for certain food-contact applications in the hardened condition, the basis for which is the relevant test certificate. Further information available at www.isega.de
- Very low-emission (EMICODE EC 1 PLUS).
- Retains long-term flexibility.
- Flexible at low temperatures, temperature-resistant up to 180 °C and UV resistant.
- In four colour shades to match sanitary ware.

Application

To seal

1. Connecting joints, expansion joints and corner joints in baths, showers, WCs. e.g. for bathtubs, wash basins and other sanitary objects.
2. Connecting joints in kitchens, e.g. for kitchen sinks, kitchen worktops, tile shields.

Indoors and outdoors.



SCHIMMEL-STOPPER-SILICON for flexible sanitary joints.

Do not mix with old recipe, colour differences possible.

Substrates and preparation

Suitable	Glass, ceramic, concrete, plaster, brickwork, adhesive paints (dry, at least 28 days old), wood, aluminium (anodised), stainless steel.
Not suitable	PVC, plastic-coated chipboards, zinc, lead, copper, iron, blank aluminium, bitumen.
State	Stable, clean, dry, free of grease.
Preparation	I Tape the edges of the joint using masking tape. Plug deep joints with polyethylene cord to ensure the following ratios of joint width to joint depth: For narrow joints 1:1, for wide joints 2:1. I Measure the joint width in such a way that movements of the adjoining units (expansion and compression) can be incorporated and the permanent elasticity of 25 % is not exceeded. I In interior use, the widths of the joints should be a minimum of 5 mm, outdoors at least 10 mm. I Prime concrete, plaster, brickwork with VORANSTRICH FÜR SILICON. I If necessary, remove old, fungus-contaminated silicone sealant by cutting out and treating with LUGATO SILICON-ENTFERNER and, to prevent another fungal attack, treat the substrate with chlorine-free fungus destroyer.

Processing



Before beginning the flexible sealing, tape the joint edges with masking tape.



Cut off the nozzle tip at an angle (according to the joint width) and the tip of the cartridge.



Squeeze SCHIMMEL-STOPPER-SILICON generously into the joint using the cartridge applicator gun.



Smooth within 20 minutes using a moistened WIE GUMMI FUGENGLÄTTER (water with 10 % detergent additive). Immediately remove masking tape, re-smooth joint edges.

Product data

Consumption	Approx. 25 ml/m for a joint measuring 5 x 5 mm.
Coverage	Approx. 12 m for a joint measuring 5 x 5 mm.
Processing temperature	5–40 °C.
Joint widths	5–35 mm.
Skin formation time	15–25 minutes.
Curing speed	2–3 mm per day.
Shower resistant	After 24 hours.
Permanent resilience	After 7 days.
Admissible overall deformation (permanent expansion)	25 %.
Elongation at break according to DIN EN ISO 8339	> 150 % (at -20 °C); about 250 % (at +20 °C).
Stress-strain value 100 % (DIN EN ISO 8339)	About 0.38 N/mm^2.
Temperature resistance (dry heat)	-50 °C to max. 180 °C.
Ingredients	silicone polymer, acetate curing, functional fillers, pigments, film protection agent: Contains 2-n-butyl-benzo[d]isothiazol-3-one.
Product characteristics	Fulfils the requirements of GEV-EMICODE® EC 1^{PLUS} for very low-emission products (further information available at www.emicode.com). No additional organic solvents.
Pack size	310 ml.
	At least 50% of the cartridge (packaging) consists of recycled plastic (proportion of recycled material based on manufacturer specifications)
Shelf life	In original packaging minimum use-by date: see pack. Store in a cool, dry place.
Shades	Bahama beige, grey, silver-grey, white.

All timings refer to 15–20 °C and 65 % rel. humidity.

Prüfzeugnis

I In accordance with EN 15651-3 (2012): Class XS 1 tested by ift Rosenheim GmbH.

CE

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1983

EN 15651-3:2012
SCHIMMEL-STOPPER-SILICON
Nicht tragender Fugendichtstoff für Fugen im Sanitärbereich
EN 15651-3:XS 1

Brandverhalten:	Klasse E
Freisetzung gefährlicher Stoffe:	s. Sicherheits-datenblatt
Vertikales Standvermögen:	≤ 3 mm
Volumenverlust:	≤ 20 %
Zugverhalten nach dem Eintauchen in Wasser (Plastisch):	NF
Mikrobiologisches Wachstum:	0
Dauerhaftigkeit:	NF

I The declaration of performance can be downloaded from the Internet at www.lugato.de if required.

Please note

- Ensure good ventilation during working and drying.
- Cannot be painted. Do not bring into contact with bitumen. Not suitable for use in thermal or saline baths.
- For expansion joints, movement may be a maximum of 25 % of the joint width.
- SCHIMMEL-STOPPER-SILICON is equipped with a film protection agent which protects the sealant from mould and bacteria in a way that is ecological and harmless to health. Regular care and cleaning of the sealant joint and the prevention of surrounding conditions that promote the growth of fungi and bacteria (e.g. high humidity, contamination from soap residues, wetness) contribute to the durability of the joint. Important: Do not allow the sealant to come into contact with cleaning agents that contain chlorine.
- Care instructions for silicon joints in the sanitary area: Rinse off joints with lukewarm water. Remove grease contamination by adding a neutral cleaner, and remove limescale deposits by adding a lime-dissolving cleaner. Then rinse the joints with cold water and remove dissolved dirt residue and the remainder of the cleaner. Wipe the joint dry with a soft, absorbent cloth. Avoid excessive amounts of moisture in the bathroom by means of regular, controlled ventilation and a sufficiently high room temperature. Do not close the shower curtain/shower cubicle door. Check the condition of the silicon joints at regular intervals, i.e. for cracks, adhesion and mould.
- For crack and joint seals that can be painted use RISS- UND FUGEN-ZU, use RISS-STOPP WAND + FASSADE for paintable crack sealing in decorative plaster, use MALERACRYL for paintable connecting joints.
- Use WIE GUMMI WETTERSCHUTZ-SILICON for facades, use BAD-SILICON WIE GUMMI for PVC and metals that corrode as a result of acetic acid, use MARMOR + GRANIT SILICON for marble and natural stone.
- The flexible joint sealing is not a substitute for sealing under tiles, for example using DUSCHABDICHTUNG or UNIVERSAL-ABDICHTUNG.

Health and safety: not a hazardous material in accordance with GHS.
Take contents/container for problematic substance disposal. Cannot be painted over. Not for bitumen substrates. Use BAD-SILICON or WETTERSCHUTZ-SILICON for PVC, plastic-coated chipboard and metals corroded by acetic acid, and MARMOR + GRANIT SILICON for natural stone. Provide adequate ventilation when working indoors. Recycle empty cartridge. Contains 2-n-butyl-benzo[d]isothiazol-3-one. May cause allergic reactions. The following applies with the Bahama beige and white colours: Attention: Dangerous respirable droplets can occur when spraying. Do not inhale aerosol or mist. *Do not mix with old recipe. Colour differences possible. Pay attention to the information in the technical information sheet. A data sheet can be downloaded from the Internet at www.lugato.de

Disposal:
Recycle the empty packaging.

If you're not sure of something, please ask!

Feel free to give us a call. You can reach the LUGATO experts at: +49 (0)40 6 94 07-222.

The statements made in this information sheet reflect our current knowledge and level of experience. Since we do not have influence on the object-specific circumstances and the correct execution of the work, we can only guarantee the consistent quality of our products.
For that reason, in case of doubt, verify the suitability of the product through a sufficient number of test applications. A direct legal liability can be derived neither alone from the instructions in this information sheet nor from any verbal consultation.
The publication of this technical information sheet invalidates all previous editions. Subject to change without prior notice.

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