

SCHIMMEL-STOPPER-SILICON



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

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.
- | Equipped with a new silver formula that protects against bacteria and fungi.
- | In the cured state, it is safe in accordance with food regulations and does not harm the environment (ISEGA certification).
- | Very low-emission (EMICODE EC 1^{PLUS}).
- | Retains long-term flexibility.
- | Flexible at low temperatures, temperature-resistant up to 190 °C and UV resistant.
- | Matt finish.
- | 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: Equipped with silver formula that prevents bacteria and fungi.

Substrates and preparation

Suitable	Acrylic, aluminium (anodised), paints (bonded; dispersion paints, acrylic varnishes, glazes), concrete, stainless steel, enamel, tiles, glass, wood (raw), ceramic, brickwork (sand-lime brick, clay brick, clinker), porcelain, plaster, polycarbonate (interior).
Not suitable	Polished aluminium, lead, iron, zinc, bitumen, natural stone, PVC.
State	Stable, clean, dry, free of grease.
Preparation	<ul style="list-style-type: none"> 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. 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. In interior use, the widths of the joints should be a minimum of 5 mm, outdoors at least 10 mm. Abrade acrylic, polycarbonate and plastic-coated chipboard. Remove grease from acrylic, glass and metal with ethyl alcohol. Indoors/outdoors (depending on the suitability of the building material) and in moistureprone areas: Prime acrylic, concrete, plaster, brickwork and chipboard with VORANSTRICH FÜR WIE GUMMI UND MARMOR + GRANIT SILICON. 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



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



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



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



4 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

Application and spreading rate depends on the edge form and dimensions:

Edge form / dimensions	Application rate	Spreading rate of 310 ml
▲ 5 x 5 mm	About 13 ml/m	About 23 m
▲ 10 x 10 mm	About 50 ml/m	About 6 m
▲ 15 x 15 mm	About 115 ml/m	About 2.7 m
■ 5 x 5 mm	About 25 ml/m	About 12 m
■ 10 x 10 mm	About 100 ml/m	About 3 m
■ 15 x 15 mm	About 230 ml/m	About 1.3 m

Processing temperature	5–40 °C.
Joint widths	5–35 mm.
Skin formation time	About 20 minutes.
Curing speed	2–3 mm per day.
Shower resistant	After 24 hours.
Permanent resilience	After 7 days.
Resilience according to DIN EN 27389	95 % (flexible).
Admissible overall deformation (permanent expansion)	25 %.
Elongation at break according to DIN EN 28339	> 120 % (at -20 °C); about 200 % (at +20 °C).
Stress-strain value 100 % (DIN EN 28339)	About 0.35 N/mm ² .
Temperature resistance (dry heat)	-50 °C to max. 190 °C.
Ingredients	Silicone polymer, acetate cross-linking agent, fillers, pigments, silver, additives.
Ecology	Very low-emission (EMICODE EC 1 ^{PLUS}); in the cured state: Safe in accordance with food regulations and not harmful to the environment (ISEGA certification).
Pack size	310 ml.
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.

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 silver preservative (not nano silver) that protects the cured sealant against fungi and bacteria in a way that is ecologically safe and not damaging 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.
- | 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 WIE GUMMI BAD-SILICON 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 substance according to the Ordinance on Hazardous Substances.

In the event of contact with skin, remove the main contamination with paper towels, and the residue with water and a hand-cleaning paste. Do not allow to dry on the skin. In the case of contact with eyes, lift eyelids, flush the eyes thoroughly with water and seek medical attention if necessary.

A safety data sheet is available on request, or can be downloaded on the Internet at www.lugato.com.

Disposal:

Allow the remaining contents to harden and dispose of as domestic waste or site waste. 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.



Responsible Care (RC) for the chemical industry means taking responsible action. This is made clear through a worldwide initiative. In many countries, chemical associations run national RC programmes. Thousands of companies with millions of employees are active in the international initiative. The goal is voluntary commitment to do more than just the compulsory: Promoting sustainability, demonstrating product responsibility, creating more safety for factories and the neighbourhood, improving health protection at the workplace and improving environmental protection. Within the scope of its membership in the German Chemical Industry Association (Verband der deutschen chemischen Industrie), LUGATO has committed itself to adhere to this objective.

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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