

Silicone Mastic SIL 65



- > flexible
- > simple smoothing
- > classified according to EN 15651 Parts 1-3
- > EC1 Plus - very low-emission according to GEV Emicode
- > XS 1 - best protection against microorganisms



Product description

Single component, solvent-free, UV, ageing and weather-resistant, waterproof, colour-stable, elastic sealant on acid-crosslinking silicone base with good chemical resistance. Suitable indoors and outdoors for closing expansion joints and wall and floor niches in ceramic coverings, for example, in sanitary and kitchen areas and wet rooms, as well as for closing joints between tile covering and foreign materials (resistance to acetate system required) such as bath tubs and door frames.

Delivery format

Container	Outer packaging	Pallet
6 STK / KTU	6	936 KTU
12 STK / KTU	12	936 KTU

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 540 days

Processing

Recommended tools

Cartridge press

Mixing

Substrate pre-treatment:

Remove mortar residues from the joint, scrape out joints. Joint edges are to be covered with adhesive strips. Deep joints are to be filled with a non-rotting and non water-absorbent polyethylene round cord. Adhesion of the elastic sealing compound to the floor of the jointing area (three-point bonding) is fundamentally to be avoided; the movements which occur can categorically only be absorbed without damage with a two-point bond in conjunction with the named elastic backfill material.

The substrate must be checked for the use of suitable primers. The PU 150 Primer should be used

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for acrylic bathtubs or the like.

Processing

First the plastic nozzle must be unscrewed and the upper part of the thread cone cut off. The nozzle is cut to size depending on the joint width. With a cartridge press, evenly apply the elastic sealant in the joint while avoiding bubbles. During reworking, ensure good contact with the adhesive surface/joint edges. Then treat the joint with Murexin UG 1 Universal Smoother.

Technical data

Colour	17 colours plus transparent, see colour sample table
Consumption	1 cartridge is sufficient for approx. 10 sqm with a 5 mm joint width
Skin forming time	after about 10 min.
Processing temperature	+5°C to +40°C
Permissible total deformation	25 %
Fire behaviour according to EN 13501-1	Class E
Temperature resistance	from -20°C to +180°C
Resilience	after 2 - 3 days

Test certificates

Tested in accordance with (standard, classification ...)

EN 15651 Teil 1, 3 und 4

EN 13501 Teil 1

Substrate

Suitable substrates

Painted, varnished or impregnated wood, aluminium, corrosion-protected metals, ceramics, tiles, enamel, glass, many plastics, rigid PVC

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

Product and processing instructions

Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Bring materials up to temperature accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- Environmental conditions significantly influence colouring.

Environmental information:

- Do not process at temperatures below 5 °C!
- The ideal temperature range for the material, substrate, and air is + 15 °C to + 25 °C.

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- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity, and/or higher temperatures accelerate drying, setting, and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phases; avoid draughts!
- Protect from direct sunlight, wind, and weather!
- Protect adjacent components!
- The jointing space must be free of adhesive/contaminants. Scratch off if required!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.
- We recommend checking the behaviour of residues in advance if the surfaces where the material will be laid are porous or rough!
- Moisture can promote mould formation and organic growth.
- For optimum results, we recommend using our smoother!
- Avoid three-point bonding!

The provided information reflects average values obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.