

# NATURSTEIN SILIKON SIL 50



- > suitable for use in wetrooms
- > UV-resistant
- > neutral cross-linking



## Product description

Single-component, UV-resistant, waterproof, up to 20% permanently flexible sealing mass based on neutral silicone. Resistant to bacteria and fungus.

Indoors and outdoors for grouting natural stone, marble, granite, terrazo. In contrast to conventional silicone sealants on contact with Murexin Nature Stone Silicone SIL 50, no edge contamination (discolouration) takes place. Also suitable for use in wetrooms.

### Delivery format

Container	Outer packaging	Pallet
12 STK / KTU	12	720 KTU

### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 450 days

## Processing

### Recommended tools

spray gun

### Processing

First the plastic nozzle is to be unscrewed and the upper part of the thread cone cut off. The nozzle is cut to size depending on the joint width. Evenly apply the sealing compound in the joint with the spray gun and without bubbles. Then treat the joint with Murexin UG 1 Universal Smoother.

## Technical data

Colour	grey, white, transparent, bahama, anthracite
Consumption	1 cartridge is sufficient for approx. 10 sqm with a 5 mm joint width
Permanently elastic	approx. 20%
Heat-resistant	from -50 °C to +150 °C
Processing temperature	+5 °C to +35 °C

## Test certificates

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

DIN 53217-T2

DIN 53505

DIN 52455

DIN 52422

DIN 52458

## Substrate

### Suitable substrates

Concrete  
Cement screed  
Anhydrite screed  
Mastic asphalt  
Plaster  
Lime-cement plaster  
Masonry  
Gypsum plasterboards  
Smooth concrete  
Aerated concrete  
Wooden substrates

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 instructions:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour consistency!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.
- Mixed material which is already starting to stiffen may not be diluted further or mixed with fresh material!
- Cementitious grouts are not, or only partially, acid-resistant.

### Environmental information:

- Do not process at temperatures below + 5 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- 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 phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!
- Different (environmental) conditions and absorbency (earthenware, stoneware, fine stoneware) can cause a different colouring of the grout.
- 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.
- The underfloor heating system may not be switched on during processing and hardening.
- For porous and rough material surfaces we recommended testing the behaviour of the grout residue in advance!
- Dark grout colours may require more cleaning of the finished surfaces due to the washed out pigments.
- Moisture may promote the formation of mould and organic growth.
- Avoid three-point bonding!

The information provided reflects average values that were 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](http://www.murexin.com).