

Tile laying technology

## SPECIAL SEALANT X-BOND MS-D 81

- > longer service life and functionality of the joint
- > highly load-bearing
- > resistant to fungus and bacteria
- > suitable for natural stone
- > UV-stable and weather-resistant



### Product description

Single-component, solvent, and silicone-free, odour-neutral, UV, and weather-resistant, waterproof, up to 20 % permanently flexible sealing compound based on MS polymer. Resistant to fungi and bacteria. Suitable indoors and outdoors for closing expansion joints, wall and floor niches in ceramic coverings, as well as joints between tile covering and foreign materials such as bath tubs, door frames, etc.; it can also be used for natural stone. The special adhesive can be painted over and is suitable for adhesion.

#### Delivery format:

Container	Outer packaging	Pallet
12 Pcs. / KTU	12	936

#### 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, cutter knife

#### 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. Evenly apply the sealing compound in the joint without bubbles using a cartridge press. During reworking, ensure good contact with the adhesive surface/joint edges. Then treat the joint with Murexin Universal Smoother UG 1.

### Technical data

Consumption  
Elongation at break

1 cartridge is sufficient for approx. 10 sqm with a 5 mm joint width  
approx. 180% (acc. to EN 8339)

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load-bearing	after approx. 1 day
Skin formation	after approx. 12 min
Heat-resistant	from -40 °C to +100 °C; briefly up to 180 °C (approx. 30 min)
Processing temperature	+5°C to +35°C

## Substrate

### Suitable substrates:

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

Also suitable for glazed tiles, glass, tiles, porcelain, etc.

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.
- Environmental conditions significantly influence colouring.
- 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 and 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!
- The jointing areas must be free of adhesive/contaminants. Scrape out if necessary!
- We recommend using our smoother for optimum results!

### Tips:

- We strongly 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.

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- 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 can promote mould and organic growth.
- Avoid three-edge bonding!

The information provided 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](http://www.murexin.com).