

Tile laying technology

RAPID PROFESSIONAL SEALING COMPOUND MAXIMO PSM 1K

- > quick hardening
- > very efficient
- > open to vapour diffusion
- > single component
- > can be applied by trowel and spread



Product description

Quick hardening, highly efficient, hydraulically setting, solvent-free, water-impermeable, but still water vapour permeable, flexible single-component sealing slurry for the creation of seamless and jointless compound seals for the wall and floor area of indoor and outdoor areas, for jointless sealing of wall and floor area directly under the ceramic covering. For application on balconies, terraces and swimming pools (down to 4 m) as well as underfloor heating systems. Tiling is possible after three hours. According to EN 14891, ÖNORM B 3407 W1-W6, according to DIN 18534 for water impact class W0-I to W3-I (for W3-I without additional chemical load), according to DIN 18531-5 (balconies, loggias, etc.) and DIN 18535 (swimming pools and containers), as well as according to the test principles for the issue of a general building inspection test certificate.

Delivery format:

Container	Outer packaging	Pallet
18 KG / PS		48

Storage:

Can be stored frost-free, cool and dry on wooden shelves in the unopened original container for: 365 days.

Processing

Recommended tools:

slow-rotating electric mixer, toothed trowel (6 mm)

Mixing:

Add the powder to water using a slow-rotating mixer until a homogeneous and lump-free blend is obtained (mixing time approx. 3 minutes).

Processing:

Completely apply the correctly mixed mass in even layer thicknesses via a smoothing trowel. A suitable Murexin sealing tape, including the system components, must be laid for adjoining walls and floors. In the areas of pipe outlets and water drains, it is recommended to incorporate Murexin sealing collars. The sealing layer is to be created in two separate steps. Clean the tools with water after use.

40031, RAPID PROFESSIONAL SEALING COMPOUND MAXIMO PSM 1K, valid from: 08.07.2020, Magdalena Riegler, Page 1

Technical data

Colour	grey
Consumption	approx. 1.15 kg/m ² per mm layer thickness (approx. 2.3 kg/m ² per 2mm layer thickness)
μ value	approx. 400
Drying time	1st layer approx. 1 hr.
Processing time	approx. 50 min.
Ready for laying	after approx. 3 hrs
Water consumption in order to be able to trowel:	ca. 5,0 l / 18 kg
Wasserbedarf rollfähig:	approx. 5.0 l / 18 kg

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:

- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- 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 evenness 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!

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 adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!
- Before using seals, defects and uneven surface areas must be levelled in a separate step.

40031, RAPID PROFESSIONAL SEALING COMPOUND MAXIMO PSM 1K, valid from: 08.07.2020, Magdalena Riegler, Page 2

Tile laying technology

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.
- Compound seals cannot replace structural sealing.
- The underfloor heating system may not be switched on during the processing and hardening.

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.