

JOINT MORTAR EPOXY FMY 90

- > Optimum processing properties!
- > large range of colours
- > bacteriologically harmless
- > very resilient



Product description

Food-safe, waterproof, frost-proof, solvent-free, bacteriostatic, temperature, resistant to ageing and chemicals, 2-component grout based on epoxy resin.

Grouting of ceramic tiles, panels and mosaics in interior and exterior wall and floor areas. Especially suitable for use with aggressive waters, plant-based or animal fats and chemicals, as well as in drinking water containers. The Epoxy FMY 90 grout is also suitable for adhesion and levelling.

Delivery format:

Container	Outer packaging	Pallet
6 KG / KE		39
2 KG / KE		54

Storage:

Can be stored for about 730 days in frost-free, cool and dry environment on wooden rack in unopened original container.

Processing

Recommended tools:

Low-speed electric agitator, suitable mixing vessel, ridge trowel, hard rubber spatula, hard sponge (viscose sponge).

Clean the tools with water immediately after use.

Mixing:

Combine the two components (A + B) and ensure that they are completely mixed. Then the components are mixed even more thoroughly with a stirrer. Afterwards, the material is re-potted and stirred again.

Tile laying technology

Processing:

Spread on the material diagonally to the joint direction with a hard rubber spatula. Ensure that the joint is fully filled. Clean the ceramic covering after approx. 5-15 minutes with clean water and a hard sponge. After drying, clean it again with pure water. Poorly cleaned coverings can no longer be rectified at a later time. After grouting, protect against mechanical strain (access) for approx. 1 day. Freshly grouted surfaces may not be accessed until the material has completely hardened.

Technical data

chemically load-bearing	after approx. 10 days
Joint width	up to max. 10 mm without cracks
Consumption	approx. 1 kg/m ² depending on joint format
can be walked on	after approx. 24 hours
Mixing ratio	A : B = 100 : 6,2
Pot life	approx. 30 min.
Processing temperature	above + 15 °C

Test certificates

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

DVGW Arbeitsblatt - W 270
ÖNORM EN 13888

Substrate

Suitable substrates:

Concrete
Cement screed
Anhydrite screed
Poured asphalt
Plaster
Lime-cement plaster
Masonry
Gypsum plasterboards
Slate concrete
Aerated concrete
Wooden materials

Not suitable: see compatibility list below.

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".

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For a perfect system

System products:

MUREXIN epoxy grouting board, MUREXIN epoxy wash sponge, MUREXIN epoxy jointing glitter

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.
- Already mixed material that is beginning to harden 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 the material, substrate and air is + 15 °C to + 25 °C.
- The ideal humidity range is 40% to 60% relative humidity.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!
- Different (environmental) conditions and absorbency (earthenware, stoneware, fine stoneware) can cause a different colour formation of the grout.
- The jointing area must be free of adhesives/contaminants. Scratch off if required!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.
- Underfloor heating systems must not be turned on during processing and hardening.
- For porous and rough surfaces, we recommend checking the reaction of grout residues beforehand!
- Dark joint colours can cause an increased cleaning effort of the finished surfaces due to the washed out pigments.
- Moisture can encourage the formation of mould and organic growth.

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.