

Tile laying technology

COBBLES MORTAR PF 30

- > plant-friendly
- > no weed growth
- > can also be processed in rain
- > heat, frost and de-icing salt resistant
- > ready-to-use, functionally safe



Product description

Single-component, oxygen-hardening, cobbles jointing mortar ready-to-use with high and permanent water permeability.

Resistant to weathering - can even be processed in rain showers. Silted surface processing recommended!

Outdoors from a minimum joint depth of 30 mm and a width of 8 mm. For grouting footpaths and garden pathways, terraces, large areas for natural stone and concrete cobblestones, as well as board and clinker surfaces. Suitable for foot traffic and light vehicle traffic, such as private house entrances. The substrate must be permanently water permeable! Heavily wet the area beforehand and wet again at regular intervals if needed!

Delivery format

Container	Outer packaging	Pallet
25 KG / KE	-	24 KE

Storage

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

Processing

Recommended tools

Yard broom (coarse), rubber broom, soft broom.

Processing

Heavily wet surface beforehand! In case of heavily absorbent substrates or quicker drying, repeat pre-wetting during processing! Clean joint to min. 30 mm depth. Pour the contents onto the surface. Work the ready-to-use mortar deeply and firmly into the joint with a road broom or a rubber broom to form a seal. Slight "watering" while being applied leads to better sealing of the material. Do not direct the water jet directly into the joint. Completely brush out the remaining mortar residue with a soft brush, diagonally to the joint.

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Post-treatment:

Residual adhesions to the stone surface can still be removed after 24 hours with a coarse broom.

Walkable after approx. 24 hours. Final release of the surface after 7 days.

Technical data

Density	1,63 g/cm ³
Colour	stone grey, sand beige
Consumption	Average consumption in kg/m ² at 30 mm joint depth: Mosaic cobbles 4 x 6 cm: 13.3 kg/m ² (8 mm); 20 kg/m ² (12 mm); 24.8 kg/m ² (15 mm); Small-scale cobbles 9x11 cm: 7 kg/m ² (8 mm); 10.5 kg/m ² (12 mm); 13 kg/m ² (15 mm); Large-scale cobbles 14x16 cm: 4.5 kg/m ² (8 mm); 7 kg/m ² (12 mm); 8.75 kg/m ² (15 mm); Boards 20x20 cm: 3.5 kg/m ² (8 mm); 5.25 kg/m ² (12 mm); 6.75 kg/m ² (15 mm); Boards 40x40 cm: 1.75 kg/m ² (8 mm); 2.5 kg/m ² (12 mm); 3.5 kg/m ² (15 mm); Consumption depends on the stone format, the joint width and the joint depth. The precise consumption is to be determined using a test area.
Processing time	approx. 30 min.
Bending tensile strength	7,7 N/mm ²
Compressive strength	17,5 N/mm ²
E-module	ca. 3,8 kN/mm ²

Substrate

Suitable substrates

Concrete
Cement screed
Anhydrite
Screed
Mastic asphalt
Plaster
Lime-cement plaster
Masonry
Gypsum plasterboards
Formworksmooth concrete
Aerated concrete
Wooden materials

The substrate should be dimensioned in accordance with the expected traffic load and correspond to the generally applicable regulations. The Murexin cobbles jointing mortar does not set on the substrate. The existing expansion joints in the substrate are to be adopted in the surface of the cobbles. The substrate must be water permeable!

Product and processing instructions

Material information:

- 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 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.