

DRAINAGE MORTAR TRASS DMT 40

- > highly water-permeable
- > frost safe
- > reducing efflorescence



Product description

Ready mixed, frost safe, efflorescence-reducing, water-permeable trass single grain mortar of mortar class C 16/20. Outdoors for laying of tiles or natural stones as socket concrete which is capable of draining for plastering as water-permeable compound screed. For laying wet on wet or after drying for thin bed laying and on drainage mat systems.

Delivery format:

Container	Outer packaging	Pallet
PS		42

Storage:

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

Processing

Recommended tools:

Agitator, suitable mixing container, mixer, forced mixer, slat.

Mixing:

Mix in a suitable mixing vessel with an agitator or in a mixer until earth-dry, homogeneous and lump-free.

Processing:

Apply the fresh mortar to the still fresh Repol HS 1 bonding sludge and strop with the slat. Then seal and rub off with the wooden board. Tiles or boards can be adhered the next day.

Tile laying technology

FORWARD MORTAR BED:

Build up drainage mortar on the fresh Repol HS 1 bonding sludge and pull it up to the required height. Apply adhesive to the back of the uncalibrated natural stone slabs and knock them into the mortar bed wet.

PLASTER LAYING:

Distribute drainage mortar onto the prepared substrate and set the plaster. Posttreatment: Keep the fresh mortar from drying out too fast by suitable measures (e.g. covering).

Technical data

Grain size	approx. 4 mm
Consumption	approx. 19 kg/m ² /cm, depending on layer thickness
load-bearing	after approx. 3 days
Layer thickness	for sufficient gradient approx. 30 - 60 mm depending on load and seal
Processing time	approx. 3 hours
Water consumption:	ca. 2 l / 30 kg
Water-permeability:	approx. 7×10^{-5} m/s acc. to DIN 18130-1
Ready for laying:	a) direct in mortar bed, wet in wet b) after 24 hours (depending on

Substrate

Suitable substrates:

Load-bearing concrete sealing or screeds with a gradient of at least 2%.

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 accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.

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!

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 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.

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Safety instructions

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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.