

KEMPERDUR MT mineral tile adhesive



Uses

- Adhesive for increased requirements with high-level stability for laying tiles on surfaces with high loads
- Indoor and outdoor
- For walls and floors
- For stoneware tiles
- For the installation of ceramic tiles and slabs, artificial and natural stone by the thin and medium-bed method
- Suitable for all types of ceramic tiles
- For KEMPEROL sealings with appropriate preparation

Characteristics

- Lightfast
- Waterproof
- Frost-resistant
- Hydraulic hardening
- Highly flexible
- Suitable for floor heating
- Containing cement
- Base: Portland cement

Pack sizes

25 kg dry mortar in paper bag

Shelf Life

Can be stored cool, frost-free, dry and unopened. Best before: see container label.

Usage guide

Depending on the nature and condition of the substrate, on the type of tiles to be installed, on the tool handling and application method (combined method) - Depending on the notch spacing 1.9 - 3,4 kg/m².

The quantities given refer to the dry mortar.

Properties

Form	solid
Colour	Grey
Workability time*	approx. 2 h
Maturing time	approx. 5 min.
Open time	approx. 30 min
Can be walked on after *	approx. 8 h
Available after *	approx. 24 h
Cured after*	approx. 7 d

* Values obtained at a temperature of 23 °C - 50% rel. humidity. These values vary depending on the weather conditions, such as wind, humidity and temperature.

Application

Preparing the substrate

Substrates must be dry, firm and free from contaminants which may affect adhesion and must be prepared accordingly (e. g. bonding coat).

At the time of processing, all temperatures (air, surface, material and material to be laid) must lie between 5 and 25 °C.

In case of temperatures between +10 ° C and +30 ° C, acclimatize the material for 24h before use.

Mixing

KEMPERDUR MT mineral tile adhesive shall be mixed homogeneously in a clean container with cold tap water (approx. 6.25 l) without lumps. We recommend a stirring device with 600 revolutions/minute with spiral or double disc stirrer. Briefly stir and apply the fresh mortar after a maturing time of approx. 5 minutes. Observe the adhesion time of the fresh mortar; after skin formation, the mortar shall be removed from the laying surface and fresh mortar shall be combed on again. Expansion joints must not be bridged with mortar.

PPE

Personal protective equipment should be worn.

We recommend a hand protection and skin protection plan adapted to the workplace. Clean the tools with water immediately after use.

Note

Please observe Technical Information TI 21.

Important notes

The applicable ETAG 022 in its current version as well as the “standard rules of technology” and the state of the art for the respective task apply during waterproofing production. For chemical resistance, see the Chemical Resistance List A-Z.

The safety data sheets, the labeling of the containers, the hazard warnings and the safety instructions on the containers must be observed during transport, storage and processing.

General information

Times are shortened in the case of higher and are longer in the case of lower ambient temperatures and subsurface temperatures. No substances of other systems may be mixed into the products of the KEMPER SYSTEM.

Only for commercial use.

Our technical data sheets / technical information and application instructions reflect the current level of knowledge in our company and the experience with our products. In each case, the new edition supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practise. The latest version can be retrieved from the KEMPER SYSTEM Login section. When using our products, a detailed, object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We are liable only for our products being free from faults, and this only if our relevant product has been used and applied according to the instructions in our technical data sheets. Correct application of our products therefore falls entirely within the scope of liability and responsibility of the user (contractor). Our products are sold exclusively on the bases of our conditions of sale and delivery.

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