

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® waterproofing systems

Features

- Waterproof
- Frost resistant
- Hydraulically bonding
- Highly flexible
- Suitable for floor heating
- Cement-containing mortar
- Based on: Portland cement

Pack sizes

25 kg dry mortar in paper bag

Shelf Life

Store unopened in a cool, dry, frost-free place. See label for use before date.

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.

** valid for joint areas. For installation on the entire surface after 2 d.

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.

Allow the material to stabilise to a consistent temperature at an ambient temperature of +10 to +30°C prior to use.

Mixing

KEMPERDUR® MT Mineral Tile Adhesive must be mixed with cold tap water (approx. 6.25 l) without lumps in a clean container. We recommend a mixer with 600 rpm and a spiral or double flat blade mixing paddle. Restir and apply fresh mortar after a maturing time of approx. 5 minutes. Pay attention to the open time of the fresh mortar; after skin formation, the mortar should be removed from the substrate and replaced with fresh mortar. Expansion joints must not be bridged with mortar.

PPE

Personal protective equipment should be worn.

Always clean tools immediately after use with water. Always wash hands, and apply KEMPER SYSTEM Skin Care Cream.

Note

Please consider Technical Information TI 21 - substrate preparation.

Important notice

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, identification of the containers, hazard warnings and the safety recommendations on the containers must be observed during transportation, storage and application.

Floor finishes are subjected to mechanical stress and should therefore be inspected / maintained on a regular basis. Refinishing may be required depending on the level of wear.

General information

The times given above are reduced with higher and increased with lower ambient and substrate temperatures. KEMPER SYSTEM products must not be mixed with other manufacturers' products.

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.

Issued: Vellmar, 2017-12-20