

KEMPEROL® 022

Waterproofing

Uses

- As waterproofing in combination with **KEMPEROL® 500 Fleece** for walls and floors in wet rooms, such as
 - Household bathrooms
 - Hotel bathrooms
 - Shower installations
 - Sculleries
 - Washrooms
 - Sides and edges of swimming pools
- Tested according to ETAG 022
- For walls and floors in wet rooms with direct or indirect load and floor drainage
- For new buildings and repair work

Features

- Load class A according to ETAG 022 (= high-level load)
- Solvent-free
- Bridges 1.5 mm cracks
- Bridges min. 2 mm joints
- Can be applied cold
- Permeable to water vapour
- Single layer application

Composition

Solvent-free, liquid synthetic material based 2K waterproofing.

Pack sizes

6 kg in metal container

Shelf life

Can be stored unopened for up to 6 months in a cool, dry, frost-free place

Properties	stone grey
Standard colour	
Working time* [min]	approx. 25
Can be walked on* after [h]	approx. 16
Cured* after [h]	approx. 72
Next coat can be applied* after [h]	approx. 16

* Values obtained at 23 °C - 50% rel. humidity.

These values may vary depending on the weather conditions, such as wind, humidity and temperature.

Usage guide

Depending on the nature and condition of the substrate:

approx. 1.6 -2.0 kg/m² for a layer thickness of min. 1 mm.

Application

Substrates must be dry (residual moisture in concrete in the upper 2 cm < 5%), capable of withstanding loads and free from materials that may hinder adhesion, and must be appropriately prepared. Substrates must be appropriately pre-treated and absorbent substrates must be primed. In general, primer should be applied before installing **KEMPEROL® 022 Waterproofing**.

Only apply when the substrate and ambient temperatures are > +10 °C. If the temperature falls below the dew point during application, moisture which can negatively affect adhesion may form on the surface (DIN 4108 - 5 Tab.1).

During application, the surface temperature must be 3K above the dew point.

Mix **KEMPEROL® 022 Waterproofing** component A thoroughly. Component B is added to component A and mixed until it is free of streaks. To prevent mixing errors, the mixture should be placed in another container and re-mixed.

Use a roller grid to reduce excessive material on the roller.

Apply approx. 2/3 of the **KEMPEROL® 022 Waterproofing**, roll in the **KEMPEROL® 500 Fleece** and embed it using a nylon roller. Ensure the fleece sections have a 5 cm overlap and are free from bubbles. Apply the remaining 1/3 **KEMPEROL® 022 Waterproofing** to the still wet first coat, ensuring complete saturation of the fleece.

Scatter 1-1.5 kg/m² of **KEMPERTEC® NQ 0408 Natural Quartz** in the fresh **KEMPEROL® 022 Waterproofing**.

The waterproofing does not require a protective alkaline layer.

Connections to adjacent parts with a height of < 15 cm (from the upper edge water-bearing level) must be created with a coating thickness of at least 5 cm. Connections to the surface waterproofing must be carried out with an overlap of at least 10 cm.

Penetrations and details must be completely integrated in the surface waterproofing. Alternatively, it is possible to attach sleeves in advance.

After the **KEMPEROL® 022 Waterproofing** has cured, tiles can be applied directly using the **KEMPERDUR® MT Mineral Tile Adhesive**.

Always wear personal protective equipment, in particular protective gloves.

Always clean tools immediately after use with **KEMPERTEC® MEK Cleaning Agent**. Always wash hands, and apply **KEMPER SYSTEM Skin Care Cream**.

Note

Please refer to the Technical Information TI 21 – Substrate Assessment.

Important notice

ETAG 022, ZDB data sheets as amended from time to time or the "standard rules of technology" and "state of the art " for the respective building trade apply during waterproofing production. For chemical resistance, see the Chemical Resistance List A-Z. The safety data sheets, identification of the units, hazard warnings and the safety recommendations on the units must be observed during transportation, storage and application. The BG-Chemie technical data sheets must be observed during application.

Disposal

Comp. A+B liquid	EAK	08 04 09
Comp. A+B cured	EAK	08 04 10

General information

Changes to the colour caused by weather conditions or UV rays do not influence the technical parameters.

The times given are reduced and increased with higher and lower ambient and substrate temperatures respectively. We guarantee the consistent high quality of our products.

KEMPER SYSTEM products must not be mixed with other manufacturers' products.

The technical information and application instructions contained herein reflect the current level of knowledge and 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 practice. 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 – correct application of our products therefore falls entirely within your scope of liability and responsibility. Our products are sold exclusively on the bases of our conditions of sale and delivery.

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