KEMPEROL 022 waterproofing

Uses

- For new construction and remedial projects
- As seal in conjunction with KEMPEROL 500 fleece for walls and floors in wet rooms such as
  - House baths
  - Bathrooms in hotels
  - Showers
  - Dishwashing kitchens
  - Washrooms
  - Walks from swimming pools
- Tested according to ETAG 022
- For walls and floors in wet rooms with direct or indirect load and floor drainage

Features

- Load class A according to ETAG 022 (= high-level load)
- Odourless
- Cold applied
- Water vapour permeable
- Bridges 1.5 mm cracks
- Bridges min. 2 mm joints
- Single layer application
- Can be walked on for maintenance
- Solvent-free
- 2-component
- Based on: Liquid synthetic material

Delivery size

6 kg, 12 kg in sheet steel container

Shelf Life

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

Usage guide

Depending on the nature of the substrate: min. 1,6 kg/ m²for a layer thickness of min.1 mm.

Properties

Form	Liquid
Standard colour	Stone grey
Workability time*	approx. 25 min
Rainproof after*	approx. /
Can be walked on after*	approx. 16 h
Cured after*	approx. 72 h
Further coating after*	approx. 16 h

* 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

The substrate must be dry (in concrete, the residual moisture in the upper 2 cm must be < 5 %), sound and free from any material that would hinder adhesion.

Substrates must be appropriately pre-treated and absorbent substrates must be primed.Generally, the priming recommendations for KEMPEROL 022 Sealing have to be observed.

Application only at surface and ambient temperatures of > +10 °C.

When executed, the surface temperature must be 3 K above the dew point. If the dew point is undershot, a moisture film, which has a separating effect, can form on the surface to be processed (see Technical Information TI 16).

Mixing

KEMPEROL 022 Sealing component A must be stirred thoroughly.

Add component B to component A and mix until you have a streak-free mixture.

To prevent mixing errors, the mixture should be placed in another container and re-mixed.

Application

Apply approx. 2/3 of KEMPEROL 022 Sealing , roll in 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 of KEMPEROL 022 Sealing onto the still wet first layer, ensuring saturation. The fresh KEMPEROL 022

Sealingis scattered with KEMCO NQ 0408 Natural Quartz with a consumption of 1 to 1.5 kg/m². The waterproofing does not require a protective alkaline layer.

Connections to door and window elements etc. with a height of <15 cm (from upper edge of coating) should have at least 5 cm of overlap. Connections and joints to third party products have to be produced 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. Tiles can be glued on immediately after the curing of the KEMPEROL 022 Sealing with the KEMPERDUR MT mineral tile adhesive .

PPE

Personal protective equipment should be worn. We recommend a hand protection and skin protection plan adapted to the workplace. Clean the tools immediately after use. KEMCO MEK Cleaning Agent.

Note

Please observe Technical Information TI 21.

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, the labeling of the containers, the hazard warnings and the safety instructions on the containers must be observed during transport, storage and processing. During processing, the Information sheets of the BG-Chemie (Liability Insurance Association of the Chemical Industry) must be observed.

Multi-component polyurethane, polyester, epoxy and methyl methacrylate resins react under heat development. After mixing the components, the product must not remain in the mixing container for longer than the workability time. Non-observance may cause heat and smoke development and may, in extreme cases, even result in a fire.

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 above are reduced with higher and increased with lower ambient and substrate temperatures.

No substances of other systems may be mixed into the products of the KEMPER SYSTEM.

Only for commercial use.

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