

KEMPERTEC® EP-Primer

Uses

- For **priming** and durable adhesion between the pre-treated substrate and **KEMPEROL®** waterproofing membranes.
- As **bonding agent** for trowel-applied filler and repair mortar
- As **alkaline protection**
- For making a **bonding coat** made from **KEMPERDUR® NQ 0712 Natural Quartz** in conjunction with **KEMPERDUR® Sand Coating**
- For new construction and remedial projects

Features

- universal use (see priming recommendations)
- solvent-free
- excellent adhesion
- high penetration capability

CE-Marking

Component to 1	ETA 03/0025
	ETA 03/0026
	ETA 03/0043
	ETA 03/0044

Composition

2-component primer based on epoxy resin.

Pack sizes

2 * 1,5 kg sachets in a plastic bucket
10 kg in a tin container

Shelf Life

Can be stored unopened for up to 6 months in a cool, dry, frost-free place. At temperatures below 5 °C, crystallisation may occur. This can be reversed by careful heating (40 °C).



Properties

Form	liquid
Colour	Comp. A yellowish Comp. B brownish
Workability period* [min]	approx. 25
Rainproof* after [h]	approx. 6
Can be walked on* after [h]	approx. 16
Next coat can be applied after* [h]	approx. 16

* Values obtained at a temperature of 23 °C - 50 % rel. humidity. May vary according to weather conditions such as wind, humidity and temperature.

Usage guide

Depending on the nature and condition of the substrate:

- as primer approx. 500 g/m²
- as a bonding coat approx. 300-500 g/m²
- as alkaline protection approx. 400-600 g/m².

Application

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.

Prepare the substrate according to Technical Information TI 21 - Substrate Preparation. The priming recommendations should be followed.

Prime only when substrate and ambient temperature exceed 10 °C and are declining. During application the surface temperature must be 3 °C above the dew point. If the dew point is not reached, the surface to be primed can form a moisture film and cause separation (DIN 4108 - 5 Tab.1).

A. Packaging: 1,5 kg-sachet

Remove the bag from the aluminium packaging. Pull away the rubber cord separating the two components, so that both components A and B can be mixed together. Now knead the bag quickly and thoroughly (approx. 60 sec.) so that a homogenous, streak-free primer is formed.

Cut off one corner of the bag and pour the **KEMPERTEC® EP-Primer** onto the surface and work quickly.

B. Packaging: 10 kg-tin container

Mix component B into component A thoroughly with a stirring stick or a power drill on a slow speed. The mixture should be a uniform colour, free from streaks. Mixing time is approximately 2 minutes. Apply within 25 minutes.

To avoid mixing errors, the complete mixture should be poured into another container and stirred again thoroughly.

Apply the primer evenly with a perlon roller, ensuring complete substrate coverage and avoiding accumulation of material.

Use as primer and bonding coat

Apply the primer until the pores are closed and immediately lightly sand with **KEMPERDUR® NQ 0712 Natural Quartz** (usage approx. 500 - 1000 g/m²). After approximately 16 hours (depending on weather conditions, such as wind, ambient temperature and humidity) and provided that the primed surface is tack-free and dry, further suitable **KEMPER SYSTEM products** can be applied.

Use as levelling mortar

Before application of the mortar, **KEMPERTEC® EP-Primer** should be applied to the substrate. **KEMPERTEC® EP-Primer** is mixed with **KEMPERTEC® KR Quartz Sand Mixture** in a ratio of 1 : 4 and applied to the prepared and primed substrate to fill voids between 2 and 6 mm.

Use as repair mortar

Before application of the repair mortar, **KEMPERTEC® EP-Primer** should be applied to the substrate. **KEMPERTEC® EP-Primer** is mixed with **KEMPERTEC® KR Quartz Sand Mixture** in a ratio of 1 : 9 to fill cracks and voids of up to 20 mm in depth. The mixing ratio can vary depending on substrate condition.

Use as alkali protection layer

To form an alkali-resistant barrier (see also Technical Information TI 15 - Alkalinity), apply a coat of **KEMPERTEC® EP-Primer** to the **KEMPEROL®** waterproofing membrane (approx. 400-600 g/m²). Immediately after application, strew in approx. 500 - 1000 g/m² **KEMPERDUR® NQ 0712 Natural Quartz**, ensuring full surface coverage.

Personal protective equipment should be worn.

Clean the tools immediately after use with **KEMPERTEC® MEK Cleaning Agent**. Clean your hands and rub **KEMPER SYSTEM skin care cream** into the skin.

Important notice

The safety data sheets, identification of the units, hazard warnings and safety recommendations on the units must be observed during transportation, storage and application. The BG-Chemie technical information must be observed for application.

Do not allow into the sewer system or into the ground.

Cannot be used in swimming pools!

Disposal

Components A+B liquid	EWC 08 04 09
Components A+B cured	EWC 08 04 10

GISCODE

RE1

General information

The times given are reduced with higher and increased with lower surrounding and work surface temperatures.

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 basis of our conditions of sale and delivery.

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