KEMPERTEC Rapid SF Primer

Uses

- For new buildings and repair work
- As bonding agent for trowel-applied filler and repair mortar
- As a primer on balconies and terraces with substrates such as concrete, screed, metal, wood, bitumen and plastic membranes
- Universally applicable in the connection area and in the area
- As a primer of the prepared substrate for KEMPEROL waterproofings

Characteristics

- Solvent-free
- Good adhesion
- 2-component
- Resin base: Polyaspartic
- Alkali-resistant
- Usable at temperatures above +5 °C
- Fast hardening even at low temperatures

Consumption

Depending on the nature of the substrate: at least 0.5 kg/m².

Pack sizes

2 * 1 kg kneading bags in plastic bucket

2 * 2.5 kg kneading bags in plastic bucket

Shelf Life

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

Properties

Form	Liquid
Standard colour	Transparent
Workability time *	approx. 10 min
Rainproof after *	approx. 60 min
Can be walked on after *	approx. 90 min
Further coating after*	approx. 60 min (in connection areas)

* 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, sound and free from any material that would hinder adhesion.

(refer to Technical Information TI 21 - Substrate Assessment)

The priming recommendations should be followed.

Apply only when substrate and ambient temperatures exceed 5 °C and are declining.

Do not apply during rising temperatures.

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).

Sachet

Remove the sachet from the aluminium packaging. Knead component A thoroughly. Open the centre seam which divides the two components and mix components A and B.

Now knead the kneading bag again quickly (about 1 minute) to obtain a homogeneous, streak-free Primer . To prevent mixing errors, the mixture should be placed in another container and re-mixed.

Prime in at least one work step ensuring saturation. Use a nylon roller for spreading to prevent material build-up.

Use as a filling compound

To compensate any irregularities in the horizontal between 2 and 6 mm, the KEMPERTEC Rapid SF - Primer is mixed with KEMPERTEC KR Quartz Sand Mixture in a ratio of approx. 1: 2 and applied to the prepared and primed substrate.

Use as a repair mortar

To level out unevenness, blowholes and small breakouts in the horizontal plane up to 20 mm deep, the KEMPERTEC Rapid SF - Primer shall be mixed with the KEMPERTEC KR Quartz Sand Mixture in a ratio of approx. 1:6.

Work interruption and further coating

After approx. 60 - 90 minutes (depending on weather conditions such as wind, humidity and temperature), when the surface of the applied primer is dry and tack-free, further suitable KEMPER SYSTEM products can be applied.

Separating effects

The subsequent coating should be applied no later than 72 hours after the KEMPERTEC Rapid SF - Primer has been applied to the substrate. Otherwise, a separation effect will occur. In order to avoid this separating effect when further coating is carried out after more than 72 hours, it is recommended that the still fresh KEMPERTEC Rapid SF - Primer be scattered withKEMCO NQ 0408 Natural Quartz(min. 2 kg/m²) to cover the entire surface.

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 with KEMCO MEK Cleaning Agent.

GISCODE

PU10

Disposal

Dispose of in accordance with the official regulations. Further information on disposal can be found in the respective safety data sheets, Section 13.

Important notes

The BG-Chemie data sheets must be observed during processing.

General information

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.

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