

KEMPEROL LF



Uses

- For the waterproofing of surfaces, for connections and details in combination with KEMPEROL Fleece
- For new buildings and repair work
- Can be applied to practically any substrate

Characteristics

- Cold to process
- Water vapor diffusible
- Crack-bridging
- Root-resistant according to FLL test
- Accessible for maintenance purposes
- Solvent-free
- Low-odor
- UV-resistant
- Usable at temperatures higher than + 5 °C
- 1-component
- Plasticizer-free
- Lightfast
- CE marking
- Red algae resistant
- Resin base: Silane modified polymer
- Insensitive to humidity
- Isocyanate-free
- Alkali-resistant

Pack sizes

6,5 kg, 14 kg

Shelf Life

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

Usage guide

Depending on the nature and condition of the substrate : min. 3,0 kg/m²

Properties

Form	Liquid
Standard colour	Anthracite
Workability time*	approx. 90 min
Rainproof after*	approx. 2 h
Can be walked on after*	approx. 16 h
Cured after*	approx. 16 h**
Further coating after*	approx. / **

* 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.

** with a layer thickness of 2 mm.

CE marking

External fire performance	B _{ROOF} (t1)
Reaction to fire	E
Working life	W3
Climatic zones	M and S
Imposed loads	P1 to P4
Roof slope	S1 to S4
Lowest surface temperature	TL4
Highest surface temperature	TH4

Application

Preparing the substrate

The substrate must be sound and free from any material that would hinder adhesion.

No primer is needed for some surfaces, such as concrete and screed surfaces, depending on the load. In case of concrete and screed surfaces, please ensure that there is no rising damp of the surface. Generally, the priming recommendations for KEMPEROL LF have to be observed.

Only apply when the substrate and ambient temperatures are ≥ +5 °C.

Due to the humidity tolerance of the material KEMPEROL LF can be applied to slightly damp substrates. However, the surface must be free of standing water.

When the product is applied the surface temperature must be above the dew point.

Mixing

Open the container and stir the material thoroughly and carefully.

Use

Apply approx. 2/3 of KEMPEROL LF, roll in the KEMPEROL 165 fleece 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 LF onto the still wet first layer, ensuring saturation.

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.

Avoid applying the material beyond the area covered by the fleece.

Work interruption and further coating

Standing time greater than 3 to 14 days: Cleaning the work area with KEMCO MEK Cleaning Agent.

Standing time greater than 14 days: Sanding the existing work area with sandpaper and cleaning the work area with KEMCO MEK Cleaning Agent.

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.

Note

Please consider the following technical information:

- TI 21 - substrate preparation
- TI 34 - Correct masking of the surface to be treated with KEMPEROL

Important notes

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

Please allow for proper ventilation during and after application/curing.

Disposal

liquid	EAK 08 04 09
cured	EAK 17 02 03

GISCODE

RSP20

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.

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, 2023-03-30