

## KEMPEROL® 1K-SF Waterproofing



### Uses

- For the waterproofing of surfaces for connections and details in combination with KEMPEROL® Fleece
- For new construction and remedial projects
- Can be applied to practically any substrate

### Features

- Recoatable
- Cold applied
- Water vapour permeable
- Crack bridging
- Can be walked on for maintenance
- Solvent-free
- Low odour
- UV resistant
- Workable of temperatures of up to +5 °C
- 1-component
- Contains no plasticisers
- Based on: Silane polyurethane polymer
- Insensitive to moisture
- Free of isocyanates
- Alkali resistant

### Pack sizes

6,5 kg, 14 kg

### Shelf Life

Can be stored unopened in a cool, dry, frost-free place.  
Use by: see label on pack.

### Usage guide

Depending on the character of the substrate : 3,0-4,0 kg/m<sup>2</sup>

### 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. 24 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.

\*\* with a layer thickness of 2 mm.

### Laying

#### Preparing the substrate

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

Some substrates like concrete and screed do not need to be primed. For concrete and screed surfaces rising damp must be avoided. Generally, the priming recommendations for KEMPEROL 1K-SF Waterproofing have to be observed.

Only apply when the substrate and ambient temperatures are  $\geq +5$  °C.

Due to the humidity tolerance of the material KEMPEROL® 1K-SF 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.

#### Application

Approximately 2/3 of the KEMPEROL 1K-SF Waterproofing is first applied, the KEMPEROL® 165 Fleece is rolled in with 5 cm overlapping with a perlon roller removing all bubbles. On the still liquid first layer pour on the approx. 1/3 KEMPEROL 1K-SF Waterproofing until it is completely saturated

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.

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#### **Job interruptions and further coating:**

Interruptions of more than 3 up to 14 days: Clean the working area with KEMCO® MEK Cleaning Agent.

#### **Note**

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Please observe Technical Information TI 21.

#### **Important notice**

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

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

#### **Disposal**

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liquid	EWC 08 04 09
cured	EWC 08 04 10

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#### **GISCODE**

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RS 10

#### **General information**

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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.

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

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.