

## KEMPERDUR Deko 2K



### Uses

- On KEMPEROL 1K-PUR Sealing
- On KEMPEROL 2K-PUR Sealing
- On KEMPERDUR TC coating
- To enhance the decorative appeal of balconies, terraces and flat roofs
- As a paint/coating for industrial floors
- As a decorative paint/coating indoors
- As a coating for concrete and screed - indoors and outdoors

### Characteristics

- UV-resistant
- Decorative
- Lightfast
- Solvent-free
- Low-odor
- 2-component
- Resin base: Polyurethane resin

### Pack sizes

6 kg in a 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: at least 1,2 kg/m<sup>2</sup> for a layer thickness of approx. 0.5 mm.

### Properties

Form	Liquid
Colour	Light grey
Workability time *	approx. 30 min
Rainproof after*	approx. 3 h
Can be walked on after*	approx. 12 h
Cured after*	approx. 72 h
Further coating after *	approx. 12 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.

### CE marking

Component to 4	ETA 03/0043
	ETA 03/0044

### Application

#### Preparing the substrate

Concrete must be clean, dry (residual moisture in the upper 2 cm less than 5 %) and sound. Bituminous waterproofings or laitance should be completely removed before waterproofing or coating. The substrate should be prepared in such a way that an adhesive pull strength of > mid-1.0 N/mm<sup>2</sup> and the smallest individual value > 0.8 N/mm<sup>2</sup> is achieved. Observe the flatness tolerances defined in DIN 18202. Shrinkage cracks have to be closed. If the coating is applied on a waterproofing membrane, the membrane must adhere to the entire surface.

If the coating is used without waterproofing on concrete and screed surfaces indoors and outdoors, it must be primed with KEMPERTEC EP/ EP5 Primer as well.

For a level surface, we recommend to lay the KEMPEROL Sealing butt-joined in combination with the KEMCO RS Reinforcement. The periods mentioned in the technical data sheets of the individual sealing products apply with regard to the suitability for further coating.

#### Coating requirement

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

The maximum application temperature is 30°C.

In case of temperatures between +10 ° C and +30 ° C, acclimatize the material for 24h before use.

The viscosity increases as the temperature drops.

During application, the surface temperature must be 3K above the dew point.

If the temperature falls below the dew point during application, moisture which can negatively affect adhesion may form on the surface (DIN 4108 - 5 Tab.1).

High air humidity (>80%) can affect the surface structure.

- Air humidity: <80%
- Substrate temperature >3K above dew point
- Air temperature >5°C
- Contraction joints and shrinkage cracks must be closed off.

### Mixing

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

For a full-surface coating, the specified KEMPERDUR Deko 2K may have to be applied in two work steps using a nylon roller or a paintbrush.

Alternatively, apply the coating using a notched trowel.

Only use containers with the same batch number in order to avoid differences in colour over one surface.

To enhance the decorative appeal KEMPERDUR CL Chips or KEMPERDUR CS Microchips can be sprinkled into the still wet finish. If the chips are to be sealed, let the surface dry for at least approx. 24 h before sealing with KEMPERDUR Finish (contains solvent!).

Any unevenness resulting from the substrate cannot be levelled out with KEMPERDUR Deko 2K.

### PPE

Personal protective equipment should be worn.

We recommend a hand protection and skin protection plan adapted to the workplace. Clean the tools with water immediately after use.

### Note

Please consider the following technical information:

- TI 24 - cleaning and maintenance
- TI 29 - slip resistance

### 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.

Do not allow to enter waters, drains or to penetrate the ground.

Please note that certain media (e. g. rust, copper, petals, red wine, etc.) can, due to contained pigments or antioxidant agents (e.g. in rubber tyres), cause permanent discolouration of the coating which, however, does not impair the protection provided by it.

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.

Floor finishes are subjected to mechanical stress and should therefore be inspected / maintained on a regular basis. Refinishing may be required depending on the level of wear.

### Disposal

Comp. A + B (mixture)	liquid	EAK 08 04 09
Comp. A + B (mixture)	cured	EAK 17 02 03

### GISCODE

PU40

### 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.

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