

KEMPERDUR Deko



Uses

- A decorative finish for balconies, terraces and roofs
- To visually enhance and improve cleaning of surfaces
- As a coating for concrete and screed surfaces in outdoor areas
- On KEMPEROL 1K-PUR Sealing
- On KEMPEROL 2K-PUR Sealing
- On KEMPERDUR TC coating

Characteristics

- UV-resistant
- Decorative
- Lightfast
- 1-component
- Low solvent content
- Resin base: Polyurethane resin

Pack size

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 and condition of the substrate : min. 1,2 kg/m²

Properties

Form	Liquid
Colour	Light grey Stone grey Beige
Rainproof after*	approx. 3 h
Can be walked on after*	approx. 3 d
Cured after*	approx. 7 d
Further coating after *	approx. 3 d

* 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
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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/mm² and the smallest individual value > 0.8 N/mm² 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.

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.

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.

Bei Temperaturen unter 10 °C kann dem 6 kg-Gebinde bis zu 250 ml KEMCO 1K Thinner zugesetzt werden.

Mixing

Open the container and stir the material thoroughly and carefully.

Application

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

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

To create a more interesting surface finish, KEMPERDUR CL Chips or KEMPERDUR CS Microchips can be worked into the fresh surfacing, which must be sealed with KEMPERDUR Finish.

PPE

For application in enclosed areas ensure there is sufficient ventilation. 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 23 - solvent-based products
- 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.

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

liquid	EAK 08 05 01
cured	EAK 17 02 03

GISCODE

PU50

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.

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