

KEMPERDUR EP-Finish



Uses

- For new buildings and repair work
- As a sealant on surfaces scattered with KEMCO natural quartz KEMPEROL 2K-PUR Sealing and on KEMPERDUR TC coating
- Especially for parking decks

Characteristics

- Decorative
- Lightfast
- Solvent-free
- 2-component
- Low-yellowing
- Glossy
- Resin base: Epoxy resin

Pack sizes

6 kg in a container

Shelf Life

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

Can be stored unopened in a cool, dry, frost-free place. Use by: see label on pack. At temperatures below 5 °C, crystallisation may occur. This can be reversed by careful heating (40 °C).

Usage guide

Depending on the nature and condition of the substrate : min. 0,7 kg/m²

Properties

Form	Liquid
	Comp. B liquid
Standard colour	Stone grey
Special colours	On request
Workability time *	approx. 25 min
Rainproof after*	approx. 24 h
Can be walked on after*	approx. 24 h
Cured after*	approx. 48 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.

Application

Preparing the substrate

The substrate of the surface to be coated must be dry, firm and free from materials that could reduce the bond.

Coating requirement

Only apply when substrate and ambient temperatures are $\geq 10^{\circ}\text{C}$ and at a max. relative air humidity of 75%.

In case of temperatures between $+10^{\circ}\text{C}$ and $+30^{\circ}\text{C}$, 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).

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 sealing, the specified KEMPERDUR EP-Finish have to be distributed evenly across the surface using a rubber squeegee before using a nylon roller for smoothing out in a criss-cross fashion. Avoid material accumulation.

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

Weather conditions:

- The product KEMPERDUR EP-Finish must be protected against moisture until it has fully cured (approx. 24 h at 23°C) - otherwise a white and/or sticky film may form on the surface.
- Despite high resistance to yellowing, discolouration or yellowing cannot be fully excluded.

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.

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.

Not suitable for use in swimming pools!

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

General information

Times are shortened in the case of higher and are longer in the case of lower ambient temperatures and subsurface 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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