

KEMPERDUR AC Park



Uses

- As trafficable covering for level surfaces (< 3%) in conjunction with the KEMPERDUR AC filler on KEMPEROL AC Speed
- As OS 10 proven system for parking decks and parking areas
- As OS 8 tested system for DIN 18531-5 and 18532-6
- For new buildings and repair work

Features

- Rapid-curing
- UV-resistant
- Solvent-free
- 3-component
- Wear-resistant
- Resin base: PMMA
- Alkali resistant
- Coloured finishes possible

Pack sizes

10 kg container (component A) in combination with KEMPEROL CP catalyst powder (component B; refer to the Curing Table for recommended quantities) and 23 kg bag KEMPERDUR AC filler.

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, in conjunction with KEMPERDUR AC filler: at least 4,0 kg/m².

Properties

Form	comp. A liquid (bluish) Comp. B powder comp. C granular (sandy)
Colour	Beige
Workability time * (2% KEMPEROL CP catalyst powder)	approx. 15 min
Rainproof after*	approx. 35 min
Can be walked on after*	approx. 35 min
Cured after*	approx. 35 min
Further coating after *	approx. 60 min

* 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.

Curing

Hardening takes place with KEMPEROL CP catalyst powder. The quantity added depends on the temperature.

Table for 10 kg KEMPERDUR AC Park			
Temperature [°C]	KEMP. CP cat. powder - quantity [g]	Pot life in container [min]	Rainproof / surface cured [min]
+5°C	400	35 min	70 min
+10°C	400	30 min	60 min
+20°C	200	20 min	35 min
+30°C	100	20 min	30 min

Application

Preparing the substrate

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

Coating requirement

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).

At temperatures above +25°C, protect the material against direct sunlight.

KEMPERDUR AC Park may only with KEMPEROL CP catalyst powder may be used. The quantity of the catalyst powder must be adapted to the respective material temperature (see Table Hardening

To prevent mixing errors, the mixture should be placed in another container and re-mixed.

Application

The surfacing consists of KEMPERDUR AC Park, the product KEMPEROL CP catalyst powder and the product KEMPERDUR AC filler.

The mixture is applied with a notched trowel with a thickness of approx. 8 mm over the entire prepared substrate. Alternatively, use a screed rake (V notch, notch height 6.6 mm) to spread the mixture over the entire surface. After application, use a spiked roller to remove any air bubbles from the still wet coating.

The still wet KEMPERDUR AC Park coating is scattered liberally with KEMCO NQ 0408 Natural Quartz4 kg/m²). Sweep off any excess after curing and apply KEMPERDUR AC-Finish for a coloured or transparent seal coating.

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 22 - Application of KEMPEROL/KEMPERDUR AC products

Important notes

When applying KEMPERDUR AC Park explosion protection for working equipment is necessary.

The safety data sheets, identification of the containers, hazard statements 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.

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.

GISCODE

RMA10

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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