

KEMPERDUR AC Park+



Uses

- As a drivable utility pavement in combination with the KEMPERDUR AC Park+ special filler on KEMPEROL AC Speed
- Also possible without waterproofing depending on the respective requirement
- As an OS 10 tested system for parking decks, parking spaces and ramps
- For new buildings and repair work

Characteristics

- Fast hardening
- UV-resistant
- Solvent-free
- Environmentally declared according to valid international standards (EPD)
- 3-component
- High wear protection
- Resin base: PMMA
- Alkali-resistant

Pack sizes

15 kg container (component A) in conjunction with KEMPEROL CP catalyst powder (component B). Quantity added - see Table Hardening 25 kg bag KEMPERDUR AC Park+ special filler (component C).

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 Park+ special filler: at least 4,0 kg/m².

Properties

Form	Comp. A liquid
	Comp. B powder
	Comp. C granular
Colour	Stone grey
Workability time * (2% KEMPEROL CP catalyst powder)	approx. 15 min
Rainproof after*	approx. 35 min
Can be walked on after*	approx. 60 min
Cured after*	approx. 60 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 15 kg KEMPERDUR AC Park+			
Temperature [°C]	KEMPEROL CP cat. powder - quantity [g]	Pot life in container [min]	Rainproof / surface cured [min]
+5°C	600	35 min	70 min
+10°C	600	30 min	60 min
+20°C	300	20 min	35 min
+30°C	150	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

KEMPEROL CP catalyst powder component B to be mixed thoroughly into KEMPERDUR AC Park+ component A.

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 Park+ special filler.

Spread the mixture with a smoothing trowel across the entire surface of the prepared substrate over the grain and then work your way over the entire surface once more with the nylon roller (18 cm wide).

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, 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.

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

Dispose of in accordance with the official regulations. Further information on disposal can be found in the respective safety data sheets, Section 13.

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 our technical application advice only reflect the current state of knowledge in our company and our experience with our products. With each new edition, the previous technical information loses its validity. It is therefore essential that you always have the latest data sheet to hand. The latest version can be downloaded from kemperol.de under Media > Downloads. When applying and using our products, a detailed, object-related, qualified check is required in each individual case to determine whether the respective product and/or the application technology meets the specific requirements and purposes. We are only liable for the freedom from defects of our products, but only if our respective product has been used and processed in accordance with our processing guidelines in the technical data sheets. The proper and professional processing of our products is therefore the sole responsibility and liability of the user (processor). Our products are sold exclusively on the basis of our terms and conditions of sale and delivery.

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