

## KEMPERDUR AC Park



### Uses

- As a drivable utility pavement for level surfaces (< 3 %) in combination 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

### 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
- Color designable

### 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/m<sup>2</sup>.

### Properties

Form	Comp. A liquid (light gray) Comp. B powder Comp. C granular (sandy)
Colour	Grey
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

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 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 Quartz (4 kg/m<sup>2</sup>). 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, 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.

### 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.

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