

KEMPERDUR AC-Finish



Uses

- For sealing KEMPERDUR AC products, with KEMPERDUR CQ 0408 Colorquarz/ KEMCO NQ 0408 Natural Quartz scattered TC surfaces, KEMPEROL 2K-PUR, KEMPEROL V 210 M and KEMPEROL BR M waterproofing.

Characteristics

- Fast hardening
- Decorative
- Matt
- Lightfast
- Solvent-free
- 2-component
- Resin base: PMMA

Pack sizes

5 kg container (component A) in conjunction with KEMPEROL CP catalyst powder (component B) Quantity added -see Table Hardening

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. 0,75 kg/m²

Properties

Form	Comp. A liquid
	Comp. B powder
Standard colour	Traffic grey
	Light grey
	Stone grey
	Beige
	Pebble grey
	Pure white
	Transparent
	light ivory
	orange brown
	light blue
	traffic red
traffic blue	
traffic yellow **	
Workability time * (2% KEMPEROL CP catalyst powder)	approx. 20 min
Rainproof after*	approx. 30 min
Can be walked on 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.

** only as marking color

Curing

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

Table for 5 kg KEMPERDUR AC-Finish			
Temperature [°C]	KEMP. CP categ. powder - quantity [g]	Pot life in container [min]	Surface cured [min]
+5°C	200	35 min	60 min
+10°C	200	30 min	45 min
+20°C	100	20 min	30 min
+30°C	50	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

Only apply at ambient and substrate temperatures of below 30°C to achieve a seamless and streak-free surface (store materials at room temperature).

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).

KEMPERDUR AC-Finish 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

Mixing

KEMPERDUR AC-Finish component A must be stirred thoroughly. Then add KEMPEROL CP catalyst powder and mix in thoroughly.

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

Application

KEMPERDUR AC-Finish must be spread evenly immediately after mixing with KEMPEROL CP catalyst powder.

Apply evenly in one operation using a nylon roller. To create a decorative surface, the KEMPERDUR CS Microchips can be blown evenly onto the surface thus applied using a chip gun or sprinkled onto the surface by hand.

When applying KEMPERDUR AC-Finish Transparent it must be made sure that the substrate is level, KEMPERDUR AC-Finish Transparent is applied with a uniform layer thickness and the applied quantity does not exceed 1 kg/m².

PPE

Sufficient ventilation is required. The corresponding instructions should be followed. Always wear personal protective equipment (breathing equipment with filter A/ P2, protective gloves, safety goggles). We recommend a hand protection and skin protection plan adapted to the workplace. Clean the tools immediately after use with KEMCO MEK Cleaning Agent.

Please consider the following technical information:

- TI 22 - Application of KEMPEROL/KEMPERDUR AC products
- TI 24 - cleaning and maintenance

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.

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

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

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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