

KEMPERTEC AC RM Repair Mortar



Uses

- For re-profiling
- As a filler compound for leveling of unevenness
- For repairing breakouts and holes up to 20 mm depth

Characteristics

- Fast hardening
- Compatible with the KEMPEROL AC system
- High elasticity
- Resin base: PMMA

Pack size

10 kg container (component A) in conjunction with KEMPEROL CP catalyst powder (component B), quantity added - see Table

Shelf Life

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

Consumption

Per mm of layer thickness: at least 1.4 kg/m².

Properties

Form	thixotropic
Colour	Grey
Workability time*	approx. 10 min
Rainproof after *	approx. 35 min

Can be walked on 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.

Application

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

The priming recommendations should be followed.

KEMPERTEC AC RM reparation fillers It must be processed only for substrate temperatures and ambient temperatures between 5 °C bis max. 30 °C

Do not apply during rising temperatures.

When executed, the surface temperature must be 3 K above the dew point. If the dew point is undershot, a moisture film, which has a separating effect, can form on the surface to be processed (see Technical Information TI 16).

KEMPERTEC AC RM reparation fillers 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 KEMPERTEC AC RM reparation fillers component A.

In case of temperatures between +10 ° C and +30 ° C, acclimatize the material for 24h before use.

KEMPEROL CP catalyst powder Mix in the component B intensively in KEMPERTEC AC RM reparation fillers component A. KEMPERTEC AC RM reparation fillers immediately apply on the primed substrate.

Once the mixture is ready to use, use a suitable tool, e.g. a smoothing trowel or a spatula, to spread it over the substrate.

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.

Curing

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

Table for 10 kg
KEMPERTEC AC RM reparation fillers

Temperature [°C]	KEMPEROL CP Cat. powder - quantity [g]	Pot life in the container [min]	Surface hardened [min]
+5°C	400	30 min	60 min
+10°C	400	25 min	50 min
+20°C	200	10 min	30 min
+25°C	200	10 min	30 min
+30°C	100	10 min	25 min

Note

Please consider the following technical information:

- TI 21 - substrate preparation
- TI 22 - Application of KEMPEROL/KEMPERDUR AC products
- TI 23 - solvent-based products

Important information

Flammable vapour/air mixtures may form in areas with inadequate ventilation.

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.

When applying KEMPERTEC AC RM reparation fillers explosion protection for working equipment is necessary.

Do not allow to enter waters, drains or to penetrate the ground.

Not suitable for use in swimming pools!

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.

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

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 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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