

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

Features

- Rapid-curing
- 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.

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

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 Repair Mortar 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 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 Repair Mortar component A. KEMPERTEC AC RM Repair Mortar 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 Repair Mortar**

Temperature [°C]	KEMPEROL CP categ. powder - quantity [g]	Pot life in the container [min]	Surface hard- ened [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 Repair Mortar 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

Liquid	EAK 08 04 09
cured	EAK 17 02 03

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 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.

Issued: Vellmar, 2021-12-21