

KEMPERTEC AC GF Gradient filler



Uses

- As a leveling compound for leveling of unevenness
- For creating slopes up to 4%
- For new buildings and repair work

Characteristics

- Good resistance to weathering
- Can be used at temperatures between +5°C and +30°C
- Fast hardening
- Compatible with the KEMPEROL AC system
- High chemical resistance
- Resin base: PMMA
- Easy to process

Pack size

25 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 2.1 kg/m².

Properties

Colour	Beige
Workability time*	approx. 15 min

Rainproof after *	approx. 40 min
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Can be walked on after *	approx. 2 h
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Cured after*	approx. 72 h
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Further coating after *	approx. 2 h
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* 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 25 kg KEMPERTEC AC GF Gradient fillers	
Temperature [°C]	KEMPEROL CP categ. powder - quantity [g]
+5 °C to +10 °C	160
+11 °C to +15 °C	120
+16 °C to +25 °C	80
+26 °C to +30 °C	40

Application

Preparing the substrate

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

Before applying KEMPERTEC AC GF Gradient filler the substrate must first be primed with KEMPERTEC AC Primer (consumption min. 0.5 kg/m²).

(refer to Technical Information TI 21 - Substrate Assessment)

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 GF Gradient 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

Partial quantities can be taken. Table Hardening must be observed accordingly.

Mixing

KEMPERTEC AC GF Gradient fillers component A must be stirred thoroughly.

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

Please note that the maximum layer thickness of 30 mm per layer must not be exceeded!

Work interruption and further coating

After hardening of the KEMPERTEC AC GF Gradient fillers can be worked on directly without primer using the KEMPEROL and KEMPERDUR AC system.

KEMPERTEC AC GF Gradient filler it may lie for a maximum of 3 months without subsequent sealing. For a standing time > 3 months, the surface must be well cleaned, degreased and mechanically sanded.

PPE

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.

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 GF Gradient 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

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.

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