

KEMPERTEC AC Jointing compound



Uses

- Joint filling compound in conjunction with PMMA products from KEMPER SYSTEM

Features

- Rapid-curing
- Excellent adhesion on PMMA surfaces
- User-friendly
- Elongation up to 300%
- High chemical resistance
- Can also be applied at low temperatures
- Excellent waterproof properties
- High resistance
- Workable of ambient temperatures of up to -5 °C
- Wear-resistant
- Resin base: PMMA

Delivery size

5 kg container

Shelf Life

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

Consumption

at least mind. 40G/ linear m at 0.25cm² joint cross-section

Curing

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

Table for 5 kg KEMPERTEC AC Jointing Compound	
Temperature [°C]	KEMPEROL CP Cat.powder quantity [g]
+5 °C to +10 °C	200
+11 °C to +14 °C	150
+15 °C to +25 °C	100

Properties

Form	Liquid
Colour	Pebble grey
Workability time * (2% KEMPEROL CP catalyst powder)	approx. 20 min
Cured after*	approx. 2 h depending on the width and depth of the joint

* 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

Preparing the substrate

PMMA surfaces must be cured, dry, stable, free from substances impairing adhesion and shall be prepared appropriately. The joints in PMMA surfaces to be back-filled must be cleaned with KEMCO MEK Cleaning Agent and slightly roughened with abrasive paper (P>180), if they are exposed for more than 3 days.

KEMPERTEC AC Jointing Compound 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 order to avoid a 3 flank adhesion, the horizontal area of a joint shall be separated, e.g. by means of a PE fabric tape.

Application

Mix the KEMPEROL CP catalyst powder component B intensively and without streaks in KEMPERTEC AC Jointing Compound component A. The streak-free mix-

ture can be poured directly from the container. Depending on the size of the joint, a suitable pouring cup should be used.

Note

Please consider the following technical information:

- TI 22 - Application of KEMPEROL/KEMPERDUR AC products
- TI 33 - processing of KEMPEROL AC Speed / AC Speed+ sealings at temperatures below +5°C

Important information

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.

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

Comp. A+B	Liquid	EAK 08 04 09
Comp. A+B	cured	EAK 08 04 10

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.

Issued: Vellmar, 2021-03-15