

KEMPERTEC AC Jointing compound



Uses

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

Characteristics

- Can be used at temperatures between -5°C and +30°C
- Fast hardening
- Excellent adhesion to PMMA substrates
- Application-friendly
- Elongation up to 300 %
- High chemical resistance
- Can also be incorporated at low temperatures
- Excellent waterproof properties
- High resistance
- Processable down to -5 °C ambient temperature
- High wear protection
- 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 joint grouting	
Temperature [°C]	KEMPEROL CP Cat.powder quantity [g]
-5 to + 1°C	300
0 to + 4°C	300
+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 joint grouting 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.

Joints may be filled to a maximum height of 1 cm and width of 6 cm per operation.

Application

Mix the KEMPEROL CP catalyst powder component B intensively and without streaks in KEMPERTEC AC joint grouting component A. The streak-free mixture can be poured directly from the container. Depending on the size of the joint, a suitable pouring cup should be used.

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Note

Please consider the following technical information:

- TI 22 - Application of KEMPEROL/KEMPERDUR AC products
- TI 33 - Processing of / AC Speed+ Sealing 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

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 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 re-