

MC-Fastpack 2300 top

Flexible Sealing Injection Resin

Product properties

- Low-viscosity, polyurethane-based elastomer resin
- Hand application by the MC-Fastpack Power-Tool
- Very good injectability from
- High reactivity
- Controlled pore formation with limited increase in volume
- High flexibility
- Watertight
- Fulfills guideline for repair systems in contact with drinking water

Areas of application

- Flexible sealing and filling of cracks, joints and voids in building construction, underground and civil engineering under dry, water-bearing and high-pressure water-bearing conditions.
- Injection works according to EN 1504-5
- Sealing of potable water structures
- Subsequent sealing by horizontal barrier and, where necessary, vertical barrier against rising moisture in masonry
- REACh-assessed exposure scenarios: long-term water contact (crack), periodical inhalation, application

Application

Preparation

Before to the injection, the structure or the leakage has to be inspected according to state of the art standards and technical regulations, and an injection concept has to be planned.

Components

The MC-Fastpack 2300 top consists of two components, the component A and the component B. Both components are supplied in a dual chamber cartridge. The volume ratio of the cartridge compartment corresponds to the mixing ratio of 1 : 1 parts by volume. The mixing takes place in the static mixer of the cartridge system.

The reaction time also depends on temperature.

Injection

The injection is done by a pneumatically operated discharging device for dual-chamber cartridges, which produce a sufficient discharging pressure (MC-Fastpack Power-Tool). For the injection MC-Hammerpacker LP are recommended.

The processing time is affected by the temperature of the resin and the environment. If the injection work is interrupted for longer than the workability time of MC-Fastpack 2300 top, the static mixer should be replaced by a new one. Opened cartridges should be closed with the original sealing cap and used as soon as possible, but maximum within 7 days.

At temperatures below + 6 ° C work has to be stopped.

Machine cleaning

By processing the MC-Fastpack 2300 top within cartridges, generally no contamination of the discharging device will occur. Should pollutions appear, all tools can be cleaned within the processing time with MC-Verdünnung PU. Hardened material can only be removed mechanically.



Technical Data for MC-Injekt 2300 top

Characteristic	Unit	Value*	Comments
Mixing ratio	parts by volume	1 : 1	component A : component B
Density	kg/dm ³	approx. 1,04	DIN 53 479
Viscosity	mPa·s	approx. 55	DIN EN ISO 3219
Expansion in crack	%	> 11-17	DIN EN 12618-2
Maximum expansion	%	approx. 100	DIN 53 455
Adhesive tensile strength	N/mm ²	0,6	DIN EN 12618-1, dry and wet concrete
Expansion ratio with water	-	approx. 1,04	DIN EN 14406
Shore A-hardness		approx. 35	ISO 868
Application time	Minutes	approx. 10	DIN EN 1504-5
Application temperature	°C	+ 6 to + 35	air, substrate and material temperature

* All technical value relates to 20 °C and 50 % relative humidity.

Product Characteristics for MC-Fastpack 2300 top

Cleaning agent	MC-Verdünnung PU Water or water-based cleaners must not be used under any circumstances.
Colour	Light brown
Delivery	400 ml dual-chamber cartridge with a volume ratio of 1 : 1 8 cartridges with 10 static mixers in the box.
Storage	Can be stored in original sealed cartridges at temperatures between +8 °C and +25 °C in dry conditions for at least 1 year. The same requirements are valid for the transport.
Disposal	Cartridges must be emptied completely.

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety data sheets. GISCODE: PU40

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 03/12. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.