MC-Injekt 2133

Fast-foaming, one-component injection resin for sealing measures

Product Properties

- Low-viscous, foaming injection resin based on polyurethane
- Unlimited application time
- Fast reaction when in contact with water
- High volume increase within a few seconds
- Stops pressurised water
- Phthalate free
- REACh-assessed exposure scenarios: long-term water contact (crack), periodical inhalation, application

Areas of Application

- Stopping strongly flowing water in components or construction pits
- Sealing buildings made of concrete or masonry
- Temporary sealing of water-bearing cracks before the permanent sealing injection with MC-Injekt 2300 top

Application

Preparation
Before the injection, an examination of the structure or the leaks must be carried out according to the state of the art and the rules of technology and an injection concept must be defined. Packers are to be used as fillers for injection.

Application
MC-Injekt 2133 is immediately ready for use. The resin is injected in one component with injection pumps into water-bearing structures or subsoil. Dry components must be filled with water beforehand. The application time is unlimited.
MC-Injekt 2133 starts to react when it hits water.

Acceleration of Reactivity
The reaction of the resin can be accelerated by adding the catalyst MC-KAT 20.

Injection
The injection is carried out with the injection pump MC-I 510 (1-component pump). The storage container must remain closed during application to avoid water ingress. Humidity can form a skin on the resin surface. This protects the resin underneath from further reaction with moisture. Solid components must not get into the pump.

MC-Injekt 2133 is not suitable for permanent sealing measures against pressurized water. Subsequent injection with MC-Injekt 2300 top is required for permanent sealing. The second stage of injection is the mainly effective, permanent sealing measure.

Application should be stopped at component temperatures below + 5 ° C. Detailed information on application can be found in the MC Method Statements of the respective MC-Elastomer resins.

Machine Cleaning
Within the application time all tools can be clea-ned with MC-Verdünnung PU (MC-Thinner PU). Partially or completely cured material can only be removed mechanically.

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Technical data for MC-Injekt 2133			
Characteristic	**Unit**	**Value***	**Comments**
Density	kg/dm³	1.125	EN ISO 2811-1
Viscosity	mPa·s	approx. 400	EN ISO 3219
Application time	time	unlimited	open containers without contact with water
Reaction times Beginn Ende		 10 - 15 60 - 70	 in contact with water
Application temperature	°C	+ 5 to + 40	structure- / substrate temperature
Volume increase with 10 % water without counter pressure		approx. 65 ± 5	 Free foaming, less with counter pressure

* All technical values relate to 21 ± 2 °C and 50 % relative humidity.

Product characteristics for MC-Injekt 2133	
Colour	Light brown
Delivery	10 l canister; Box of 6 x 1 l pack MC-KAT 20 in a box of five 400 ml aluminium bottles
Storage	Can be stored in original sealed packages at temperatures between + 5 °C and + 35 °C in dry conditions for at least 24 months. The same requirements are valid for transport
Cleaning agent	MC-Verdünnung PU (MC-Thinner PU) Under no circumstances water or water-based cleaning agents should be used.
Disposal	Packs must be emptied completely.

Safety Advice
While processing appropriate gloves, protection clothing and safety goggles are mandatory. Please take notice of the safety information and advice given on the packaging labels and safety data sheets.
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Edition 03/20. 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.

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