



# MC-Injekt 2133

## Fast-foaming, one-component injection resin for waterproofing

### Product properties

- Low-viscosity foaming polyurethane-based injection resin
- Unlimited processing time
- Fast reaction with water contact
- High volume increase within a few seconds
- Stop pressing water
- Phthalate-free
- REACH-assessed exposure scenarios: long-term water contact (crack), periodical inhalation, application

### Areas of application

- Stopping heavily flowing water in components or excavations
- Sealing concrete or masonry structures
- Temporary sealing of water-conducting cracks before the permanently sealing injection with **MC-Injekt 2300 top**

### Application

#### Preparation

Before injection, the structure, the leaking areas, respectively, have to be inspected according to technical standards and regulations, and, injection concept is to be prepared. For injection, packers or filler necks are to be used.

#### Application

**MC-Injekt 2133** is ready to use. The resin is one-component injected with injection pumps into water-bearing structures or ground. Dry structures must first be filled with water. The application time is unlimited. **MC-Injekt 2133** starts to react when it hits water.

#### Reaction acceleration

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

#### Injection

The injection takes place with the injection pump MC-I 510 (1-component-pump). The reservoir must be kept closed during application to prevent water ingress.

Humidity can form a skin on the resin surface. This protects the underlying resin from further reaction with moisture. Solid components must not get into the pump.

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

For structure temperatures below + 5 ° C, the processing must be stopped. Detailed instructions on the application contain the information of the intended use of the respective **MC-Elastomeric** resins.

#### Machine cleaning

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



#### Technical Data for MC-Injekt 2133

Characteristic	Unit	Value*	Comments
Density	kg/dm <sup>3</sup>	1,125	DIN 53 479
Viscosity	mPa·s	approx. 400	DIN EN ISO 3219
Application time	time	unlimited	open containers without water contact
Reaction time			
Start		10 - 15	with water contact
End		60 - 70	
Application temperature	°C	+ 5 to + 40	Structure / substrate temperature
Volume increase factor with 10% water without backpressure		approx. 65±5	Free foaming, lower at back pressure

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

#### Product Characteristics MC-Injekt 2133

Colour	Light brown
Delivery	10 l canister; Box of 6 x 1 l packs 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

Please take notice of the safety information and advice given on the packaging labels and safety information sheets. GHS CODE: 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.

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