

# DONCRETE-2133

FAST-FOAMING, ONE-COMPONENT INJECTION RESIN FOR WATERPROOFING

## Product Details

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, and application

## Area 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 **DONCRETE-2300 top**.

## 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.

## 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

**DONCRETE 2133 FLEX** 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. **DONCRETE 2133 FLEX** starts to react when it hits water.

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## Reaction Acceleration

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

## Injection

The injection takes place with the injection pump DONCRETE 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. **DONCRETE 2133 FLEX** is not suitable for permanent sealing against pressurized water. For permanent sealing, re-injection with **DONCRETE 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 Thinner (Thinner PU). Partially or completely cured material can only be removed mechanically.

## Product Characteristics DONCRETE 2133 FLEX

Color	Light brown
Delivery	10 l canister; Box of 6 x 1 l packs DONCRETE-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	Thinner (Thinner PU) Under no circumstances water or water-based cleaning agents should be used..
Disposal	Packs must be emptied completely.

## Safety Advices

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

TECHNICAL COLLABORATION WITH



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