



MC-Fastpack 2033

Fast-foaming Injection Resin

Product properties

- Low-viscous, polyurethane-based elastomer foam
- Manual application with the MC-Fastpack Power-Tool
- Stops pressurised water
- Fast reaction with high volume increase
- Fulfils UBA-guideline for sealing in contact with drinking water

Areas of application

- Sealing of heavy water-bearing cracks before permanent sealing with MC-Elastomer resins
- Stops water leakages
- Filling of voids
- Sealing of potable water structures in combination with MC-elastomer resins, e.g. MC-Fastpack 2300 top
- REACh-assessed exposure scenarios: long-term water contact (crack), periodical inhalation, application

Application

Preparation

Before injection the structure, the leaking areas, respectively, have to be inspected according to technical standards and regulations and an injection concept is to be prepared.

Components

MC-Fastpack 2033 consists of two components, component A and component B. Both components are supplied in a double chamber cartridge. The volume ratio of the chambers corresponds to the mixing ratio of 1 : 1 parts by volume. Mixing takes place in the static mixer of the cartridge system. Reaction times depend on temperature.

Injection

Injection is carried out by a pneumatically operated discharger for double chamber cartridges which produces sufficient discharging pressure (MC-Fastpack Power-Tool). For injection MC-Hammerpacker LP 12 are recommended.

The processing time is affected by the temperature of the resin and the environment. If injection is interrupted for longer than the processing time permits, the static mixer is to be replaced by a new one. Opened cartridges must be closed with the original sealing cap and used as soon as possible, but maximum within 7 days.

Work with MC-Fastpack 2033 must be stopped if the temperature of the structure drops below + 6 °C

Machine cleaning

By processing MC-Fastpack 2033 within cartridges, generally no contamination of the discharger will occur. In case of contamination, within the processing time all tools can be cleaned with MC-Verdünnung PU. Cured material can only be removed mechanically.



Technical Data for MC-Fastpack 2033

Characteristic	Unit	Value*	Comments
Mixing ratio	p.b.v.	1 : 1	Component A : component B
Density	kg/dm ³	approx. 1.13	DIN EN ISO 2811-1
Viscosity	mPa·s	approx. 400	DIN EN ISO 3219
Volume expansion with 10 % water without counter pressure	%	approx. 3,700	
Application time	hours	approx. 6 - 8	No water contact
Reaction time	seconds	approx. 40 - 60	In contact with water
Application temperature	°C	+ 6 to + 35 + 6 to + 30	Air and substrate temperature material temperature

* All technical values relate to 20 °C and 50 % relative humidity.

Product Characteristics for MC-Fastpack 2033

Cleaning agent	MC-Verdünnung PU Under no circumstances, water or water-based cleaning agents should be used.
Colour	Light brown
Delivery	400 ml double chamber cartridge with a volume ratio of 1 : 1 8 cartridges with 10 static mixers per box
Storage	When stored in original sealed cartridges at temperatures between + 8 °C and + 25 °C in dry conditions the shelf life is at least 1 year. The same applies to 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.

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