MC-Fastpack SewerInject

Rapid foaming injection resin

Product properties

- Low-viscosity polyurethane-based duromer resin
- Short reaction time
- Foams without contact with water
- High increase of volume during reaction
- Uniform and even pore structure (closed cell)

Areas of application

- Temporary sealing of cracks, joints and cavities in constructions in dry, water-bearing or pressurised-water-bearing conditions
- Stops water inleakage
- Sealing of sheet piles, slotted walls and similar in ground water
- Sealing of pipe and liner branches at manhole structure
- Injection to seal leaks in manhole ring joints, pipe penetrations and socket connections
- Filling of cavities
- REACH-assessed exposure scenarios: periodical inhalation, application, long-term water-contact

Application Advice

Preparation
Before injection starts, the structure or the leaks must be inspected in accordance with technical standards and regulations and an injection proposal must be drawn up. Injection packers with sufficiently large bore and a low break-through pressure (e.g. MC-Hammerpacker LP 12) must be used.

Mixing
MC-Fastpack SewerInject is made up of two components, component A (base) and component B (hardener). Components A and B are mixed using the static mixer supplied with the cartridge. Only the supplied mixers may be used.

Injection
The resin is injected using a pneumatic tool for two-chamber cartridges which generates sufficient pressure (MC-Fastpack Power-Tool).
MC-Fastpack SewerInject foams moderately into a hard-elastic closed-pore foam. A post-injection, after the material is cured, is not possible.
At temperatures below < + 6 °C the application of MC-Fastpack SewerInject is to be ceased.

The content of the cartridge has to be injected quickly in one step. The injection should not be stopped due to the high reactivity of the material. Otherwise the resin can press itself backwards into the cartridge and cause damages at the cartridge or at the pneumatic tool.

Cleaning of Equipment
Within the pot life, resin residue can be removed with MC-Verdünnung PU (MC-Thinner PU). Once the material has set, it can only be removed mechanically.

General Information
Cartridges should be completely emptied immediately. Once begun cartridges are not storable.

Safety Advice
Protective clothing, protective gloves and safety glasses / face protection must be worn when using this product. Observe the hazard notices and safety advice on the labels and safety data sheets.
GISCODE: PU40

MC-Bauchemie • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 2041-101 10 • Fax: +49 (0) 2041-101 188
info@mc-bauchemie.de • www.mc-bauchemie.de

Technical Data for MC-Fastpack SewerInject

Characteristic	Unit	Value*	Comments
Mixing ration	p.b.v.	1 : 1	component A : component B
Specific gravity	g/cm³	approx. 1.13	DIN EN ISO 2811-1 at + 20 °C and 50 % rel. humidity
Application conditions	°C	> + 6	air, material and structure temperature
Viscosity	mPa·s	approx. 1,400 approx. 230	component A component B
Pot life	s	approx. 30	at + 20 °C and 50 % rel. humidity
Compressive strength**	MPa	approx. 0.5	DIN EN 196 T1
Volume expansion		10 - 20 times	depends on counter-pressure

Product Characteristics for MC-Fastpack SewerInject

Colour	brown
Form of Delivery	cartridge à 400 ml 8 cartridges and 10 static mixers per box
Equipment Cleaner	MC-Verdünnung PU (MC-Thinner PU) Water or cleaning agents that contain water must never be used.
Storage	If tightly sealed, the original packs can be stored for at least one year at temperatures between + 10 °C and + 25 °C in dry conditions. The same requirements apply to transport.
Pack Disposal	Make sure the pack is completely empty.

* Unless otherwise stated, all technical data were determined at + 23 °C und 50 % relative air humidity.

** Without the pressure and temperature influence of groundwater

Edition 05/16. 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.

MC-Bauchemie • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 2041-101 10 • Fax: +49 (0) 2041-101 188
info@mc-bauchemie.de • www.mc-bauchemie.de