

MC-Fastpack 1264 compact

Rigid binding and sealing injection resin

Product properties

- Low viscous, epoxy-based duromer resin
- Manual application with the MC-Fastpack Power-Tool
- Moisture compatible
- High penetration activity
- Fast hardening
- As well hardening under dynamic conditions
- High compressive and tensile strength
- REACh-assessed exposure scenarios: periodical inhalation, application

Areas of application

- Rigid filling via injection or deep penetration of/into cracks, joints and voids in building construction, civil and underground engineering structures under dry and wet conditions

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 1264 compact consists of two components (A and B). Both components are supplied in a double chamber cartridge. The volume ratio of the chambers corresponds to the mixing ratio of 4 : 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 must 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 1264 compact must be stopped if the temperature of the structure drops below + 8 °C.

Machine cleaning

Thanks to the cartridge based system the usual application does not lead to any contamination of tools. Should anyhow some equipment get contaminated with resin, it can be cleaned during processing time with MC-Verdünnung EP. Cured material can only be removed mechanically.



Technical Data for MC-Fastpack 1264 compact

Characteristic	Unit	Value*	Comments
Mixing ratio	p.b.v.	4 : 1	Component A : component B
Density	kg/dm ³	approx. 1.08	EN ISO 2811-1
Viscosity	mPa·s	approx. 310	EN ISO 3219
Surface tension	mN/m	approx. 24.038	Krüss Processor Tensiometer K100
Compressive strength	MPa	approx. 60	EN ISO 604
Tensile strength	MPa	approx. 45.7	EN 53455
Elongation of break	%	approx. 6.1	EN 53455
E-modulus	MPa	approx. 2,600	EN ISO 178
Reaction time	Minutes	approx. 40	
Minimum application temperature	°C	+ 8 to + 35	Air, substrate and material temperature

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

Product Characteristics for MC-Fastpack 1264 compact

Cleaning agent	MC-Verdünnung EP Under no circumstances, water or water-based cleaning agents should be used.
Colour	Transparent
Delivery	400 ml double chamber cartridge with a volume ratio of 4 : 1 8 cartridges with 10 static mixers per box
Storage	When stored in original sealed cartridges at temperatures between + 10 °C and + 35 °C in dry conditions the shelf life is at least 24 months. 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 information leaflets. GISCODE: RE1

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.

Edition 09/19. 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.