

# MC-DUR 1264 FF

## Rigid Binding Injection Resin

### Product properties

- Low-viscosity, duromer resin based on epoxy
- Fast hardening
- Hardening under dynamic conditions
- Moisture compatible
- High compressive- and tensile strength

### Areas of application

- Rigid filling by injection or deep penetration of cracks, joints and voids in building construction, civil and underground engineering under dry and slightly damp conditions
- Filling of injection hoses
- REACh-assessed exposure scenarios: periodical water-contact, periodical inhalation, application

### Application

#### Preparation

Before injection the structure's cracks and voids have to be inspected according to technical standards and regulations, and an injection proposal is to be planned.

#### Mixing

MC-DUR 1264 FF consists of two components, component A (base) and component B (hardener). Both components have to be mixed according to the advised mixing ratio until homogeneous using slowly rotating mixers.

After mixing the material should be filled into clean container and briefly mixed again (re-potting). The re-potting is complete when the resin has been filled into the storage container of an injection pump and when it has been shortly remixed.

The pot life depends on the prepared quantity and the ambient temperature.

#### Injection

MC-DUR 1264 FF must be applied with injection pump MC-I 510 (one-component pump).

Work must be stopped at temperatures below + 8 °C

For the injection MC-Klebepacker or alternatively MC-Injektionspacker are recommended.

Detailed information on the application of MC-DUR 1264 FF can be found in the corresponding method statement.

#### Cleaning

Within the pot life all equipment may be cleaned with MC-Verdünnung EP. Partially or completely cured material can only be removed mechanically.



## Technical Data for MC-DUR 1264 FF

Characteristic	Unit	Value*	Comments
Mixing ratio	p. b. v. p. b. w.	2.61 : 1 3 : 1	component A : component B component A : component B
Density	kg/dm <sup>3</sup>	1.09	DIN 53217
Viscosity	mPa·s	approx. 320	DIN EN ISO 3219
Compressive strength 7 d	MPa	approx. 65	DIN EN 196 T1
Tensile strength 7 d	MPa	approx. 35	DIN 53455
E-modulus	MPa	2.700	DIN EN 178
Application time	minutes	approx. 20	
Minimum application temperature	°C	+ 8	air, substrate and material temperature
Glass transition temperature	°C	approx. 49	DIN EN 12614

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

## Product Characteristics for MC-DUR 1264 FF

Colour	amber-transparent
Cleaning agent	MC-Verdünnung EP Water or water-based cleaners must not be used under any circumstances.
Delivery	Box à 6 x 1 kg pack, 10 kg pack
Storage	Can be stored in original sealed packages at temperatures between + 5 °C and + 25 °C in dry conditions for at least 1 year. The same requirements are valid for transport.
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 leaflets. GHS CODE: 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.

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