MC-Injekt 1264 TF
Rigid Binding
Injection Resin

Product properties

- Low-viscosity, epoxy-based durometer resin
- High penetration activity
- Fast hardening
- As well hardening under dynamic conditions
- 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 in dry constructions
- Filling of injection hoses
- REACH-assessed exposure scenarios: periodical inhalation, application

Application

Preparation
Prior to injection the structure or the leakage has to be inspected according to state of the art standards and technical regulations and an injection concept has to be planned.

Mixing
The MC-Injekt 1264 TF consists of two components, the component A and the component B. Both components have to be mixed homogeneously according to the advised mixing ratio by a slowly rotating mixer (anchor mixer).

Before MC-Injekt 1264 TF is processed the mixed resin has to be filled into a clean empty container or a container in which only already mixed resin of the same quality was repotted. The repot is fulfilled when the resin is filled into the storage container of the injection pump and mixed briefly. The workability time depends on the mixed volume and the ambient temperature.

Injection
The injection has to be processed by the injection pump MC-I 510 (one-component pump).

For the low to medium pressure MC-Surfacepacker LP or MC-Hammerpacker LP are recommended. For injection with high injection pressure (up to 200 bar/ 2900 psi) MC-Injektionspacker can be used.

At temperatures below +5 °C work has to be stopped.

Cleaning
Within the workability time all equipment may be cleaned with MC-Verdünnung EP. Partially or completely cured material can only be removed mechanically.
### Technical Data for MC-Injekt 1264 TF

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Unit</th>
<th>Value*</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixing ratio</td>
<td>p.b.v.</td>
<td>3 : 1</td>
<td>component A : component B</td>
</tr>
<tr>
<td>Density</td>
<td>kg/dm³</td>
<td>approx. 1.07</td>
<td>DIN EN ISO 2811-1</td>
</tr>
<tr>
<td>Viscosity</td>
<td>mPa*s</td>
<td>approx. 145</td>
<td>DIN EN ISO 3219</td>
</tr>
<tr>
<td>Surface Tension</td>
<td>mN/m</td>
<td>38.398</td>
<td>Krüss Processor, Tensiometer K100</td>
</tr>
<tr>
<td>Compressive strength</td>
<td>MPa</td>
<td>approx. 75</td>
<td>DIN EN ISO 604</td>
</tr>
<tr>
<td>Flexural tensile strength</td>
<td>MPa</td>
<td>approx. 65</td>
<td>DIN 53455</td>
</tr>
<tr>
<td>Elongation of break</td>
<td>%</td>
<td>approx. 4.5</td>
<td>DIN EN 53455</td>
</tr>
<tr>
<td>E-modulus</td>
<td>MPa</td>
<td>approx. 3,000</td>
<td>DIN EN ISO 178</td>
</tr>
<tr>
<td>Application time</td>
<td>Minutes</td>
<td>approx. 30</td>
<td>related to 100 g</td>
</tr>
<tr>
<td>Minimum application</td>
<td>°C</td>
<td>+ 5 to + 30</td>
<td>air, substrate and material temperature</td>
</tr>
</tbody>
</table>

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

### Product Characteristics for MC-Injekt 1264 TF

- **Cleaning agent**: MC-Verdünnung EP
  
  Water or water-based cleaners must not be used under any circumstances.

- **Colour**: transparent

- **Delivery**: Box of 6 x 1 l packs
  
  7.5 l canister component A
  
  2.5 l canister component B

- **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. 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 05/13. 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.