

# MC-Injekt 1260

Two-component Epoxy injection resin for repairing load-bearing structures.

**PRODUCT DESCRIPTION:**

- **MC-Injekt 1260** is two-component Epoxy-based injection resin for repair applications. MC-Injekt 1260 is used to repair dry structures in various types of concrete to prevent water and contaminants.

**PRODUCT PROPERTIES:**

- Low-viscosity, epoxy-based duromer resin.
- High penetration activity.
- Fast hardening.
- Cures well under conditions of displacement.

**AREAS OF APPLICATION:**

- Filling and restoring the bearing capacity of cracked structures, technical gaps, and voids of construction works in dry conditions by pumping or permeation pouring.
- Safety criteria when evaluating according to REACH: Safe in case of accidental inhalation during pumping.

**APPLICATION NOTES:**

- **Preparation:** Before pumping, it is necessary to check the condition of cracks and defects of the structure according to standards and technical regulations. Then prepare a suitable pumping treatment plan and method.
- **Mixing:**
  - **MC-Injekt 1260** contains two components A and B. Mixing should be done in the recommended proportions using a slow speed mixer until the mixture is homogeneous.
  - Before processing, the mixed reactive resin has to be repotted into a clean empty container or a container in which only mixed resin of the same quality was stored and shortly remixed. Repotting is fulfilled when the resin is poured into the reservoir of an injection pump and remixed thoroughly.
  - The application time depends on the quantity of the mixed material and the ambient temperature. After mixing the amount of resin is to be deviated or cooled to extend the application time.
  - It is recommended to mix only cool resin components completely and to portion the resin in two to three equal subsets to minimize reactive heating.
- **Application:**
  - **MC-Injekt 1260** can be executed with the injection pump MC-I 510 (one-component pump).
  - The choice of the suitable injection packer depends on the injection pressure. MC-Klebepacker or MC-Hammerpacker are recommended for an average pressure range (up to 60 bar).
  - For injection with high injection pressure (up to 200 bar), MC-Injektionspacker DS 14 can be used.
  - Work with **MC-Injekt 1260** must be stopped if the temperature of the structure drops below +8°C.
- **Cleaning tools and equipments:** Within the application time, all tools can be cleaned with MC-Verdunnung EP (MC-Thinner EP). Partially or completely cured material can only be removed mechanically.

## TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Mixing ratio	Parts by volume	2 : 1	Component A : Component B
Density of mixture	kg/liter	~ 1.1	EN ISO 2811-1
Viscosity	mPa-s	~ 510	EN ISO 3219
Application	Minute	~ 20	Halved container
Compressive strength	MPa	~ 68	EN ISO 604
Tensile strength	MPa	~ 25	DIN 53 455
Modulus of elasticity	MPa	2600	EN ISO 178
Glass transition point	°C	46	EN 12614
Glass transition point	°C	+8 to +35	Air, substrate and material temperature

*\*Specifications are based on laboratory conditions (21°C ± 2 and 50% RH) and are subject to change under actual application conditions.*

## PRODUCT CHARACTERISTICS:

<b>Color</b>	Transparent
<b>Packaging</b>	Component A: 2 kg/can Component B: 1 kg/can
<b>Cleaning agent</b>	MC-Verdünnung EP (MC-Thinner EP). Do not use water or water-based cleaners.
<b>Storage</b>	At least 1 year when stored at +5°C to +25°C in dry condition and in original packaging. Shipping terms: same requirement.
<b>Packaging disposal</b>	Containers must be emptied before disposal.

**Note:** The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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