

# MC-Injekt 1260

Two-component epoxy-based injection resin for rigid binding and sealing.

## PRODUCT PROPERTIES:

- Low-viscosity, epoxy-based duromer resin.
- High penetration activity.
- Fast hardening.
- High chemical resistance.
- Meets the European REACH regulation – The product is safe to inhale during application.

## AREAS OF APPLICATION:

- Rigid filling of concrete and Masonry by injection or deep penetration of cracks, joints and cavities.
- Sealing and bandaging of cracks with an admixture of the thixotropic agent.

## APPLICATION NOTES:

- **General information:** MC-Injekt 1260 is duromer resin for injection. With MC-Injekt 1260 dry structures made of different mineral building materials can be solidified and sealed against water and pollutants, MC-Injekt 2188 flex is able to slide deeply over the wet crack surface. An injection concept is to be defined in accordance with DIN EN 12715.
- **Substrate preparation:** Before injection, the structure, and the leaking areas, respectively, have to be inspected according to technical standards and regulations and an injection concept is to be prepared.
- **Mixing:** MC-Injekt 1260 consists of two components. The components A and B have to be mixed according to recommended ratio using slowly rotating stirrers until the mixture is homogenous. 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 divided 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.

### MC-BIFI BAUCHEMIE JSC.

Ha Noi: 814/3 Lang Str., Lang Thuong Wd., Dong Da Dist., Hanoi City

Da Nang: 91 Le Van Duyet Str., Nai Hien Dong Wd., Son Tra Dist., Da Nang City

HCMC: No. Y13, Str. 29, Phuoc Kien A RLA, Phuoc Kien Commune, Nha Be Dist., HCMC

Email: info@mcbifi-bauchemie.vn | Website: www.mcbifi-bauchemie.com

- Tel: (+84) 24 3775 5312 - Fax: (+84) 24 3775 9607

- Tel: (+84) 23 6355 6869 - Fax: (+84) 23 6355 6969

- Tel: (+84) 28 3620 8665 - Fax: (+84) 28 3620 8685

## TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Mixing ratio	Parts by volume	3 : 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	~ 42.5	DIN 53 455
Ultimate elongation	%	4.5	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: 22,5 kg Component B: 7.5 kg
<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.

Edition **01/2024**. Some technical changes have been made to this print medium. Older editions are invalid and may not be used.