

# MC-Floor Connect Adhesive

Solvent free, thixotropic epoxy mortar glue for MC-Floor Connect joint profiles



## PRODUCT PROPERTIES

- High adhesion
- Elegant workability
- Thixotropic
- High strength
- Versatile in use
- High chemical resistance

## AREAS OF APPLICATION

- Glue for MC-Floor Connect precast joint profiles
- REACH-assessed exposure scenarios: inhalation periodical, application

## APPLICATION ADVICE

**Substrate preparation / Mixing:** See leaflets “MC-Industrial Floors - Substrate and Substrate Preparation” and “General Application Advice – Reactive Resins”. Cracks, holes or damaged fusion faces must be reprofiled. The consumption of MC-Floor Connect Adhesive varies depending on the condition of the substrate.

**Application:** The B-Component is mixed into the A-Component with a slow stirring mixer for at least 3 minutes. To avoid mixing errors repot into a clean container (remove all remaining material) and mix again. Afterwards MC-Floor Connect Adhesive is applied rapidly with suitable tools (trowel). The preset mixing ratio shall be followed precisely. If MC-Floor Connect Adhesive is applied in higher layer thicknesses a total of 30 % (p.b.w.) oven-dried quartz sand with a grain size of 0.5 - 1.2 mm can be mixed into the mortar.

**General information:** Coverage, application times, resistance to foot traffic and time until full resistance are determined by temperature and site properties and condition. See leaflet “General Application Advice – Reactive Resins”. Concerning the batch color consistency, please note the general information in the leaflet “General Application Advice – Reactive Resins”. Exposure to chemicals and UV-light may cause color changes, which usually do not affect the properties and usability of the coating. Mechanically and chemically exposed surfaces are subject to wear and tear. Regular check-ups and continuous maintenance are advised.

## TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	mass fractions	8 : 1	base component : hardener component
Density	g/cm <sup>3</sup>	approx. 1.7	
Viscosity		thixotropic	
Working time	minutes	approx. 30	at 20° C and 50 % rel. humidity
Trafficable after	hours	24	
Accessible after	hours	approx. 6	at 20° C and 50 % rel. humidity
Resilient after (full)	days	7	at 20° C and 50 % rel. humidity
Application conditions	°C	≥ 8 ≤ 35	air, substrate and material temperatures
	%	≤ 80	rel. humidity
	K	3	above dew point
Consumption	kg/m	approx. 6 - 8	depending on condition of substrate

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Equipment cleaning agent	MC-Reinigungsmittel U
Colour	Concrete grey
Delivery form	9 kg bucket
Storage	Can be stored in cool (below 20°C) and dry conditions for 12 months in original unopened packs. Protect from frost.
Packaging disposal	Make sure single-use containers are completely empty.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG All/j (500 g/l) ≤ 500 g/l VOC

### Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : RE55

**Note:** The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018778]