

PRODUCT PROPERTIES

- Ready-to-use - just mix with water
- Waterproof and corrosionproof after curing
- Chloride-free
- Rapid hardening, loadable after 5 minutes
- Certified according to EN 1504-3, class R1

AREAS OF APPLICATION

- General fixing works: Displacing facades and masonry anchor, dowel joints for masonry, concrete and screed
- Constructional steelwork: Anchoring of cases, boilers, machines, pipelines, rails, lattices, iron gates
- Electric installation: Fixing of engines, pipes, control boxes etc.
- Sanitary and heating installation: Mounting of every kind of bracket consoles, heater, pipe brackets, washbasin

APPLICATION ADVICE

Substrate Preparation: The prepared substrate has to be clean, hard, solid and free from bond breaking substances. Fixing holes have to be expanded in a dovetailed shape, so that the fixing element is completely covered with MC-Fast RC. The substrate has to be prewetted.

Mixing: 3 parts by weight of MC-Fast RC with 1 part of water result in a ductile mixture, which can be applied with a trowel.

After water addition, MC-Fast RC is applicable only 2 - 3 minutes (at 23 °C). Do not mix more than needed of MC-Fast RC, because the hardening mixture can not be mixed and applied again. Partially dried mortar can't be made ductile again by adding water. The more liquid is used in the mixture, the later the mortar will be loadable.

Lower temperatures extend and higher temperatures shorten the hardening process. Therefore it will be necessary to apply the mixture at low temperatures only with warm batched water.

Application: MC-Fast RC is applicable at temperatures above +5 °C. Do not move metal elements after embedding in MC-Fast RC mortar. The elements, which are fixed with MC-Fast RC, can be loaded after a short time.

Note: For faster sealing works as well as filling of areas with water leakages and sealings of pipe break-throughs please use the fast-setting plug mortar MC-Fast ST.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	0.25	grading curve from 0 mm
Mixing ratio	p.b.w.	3 : 1	base component : water
Working time	minutes	2 - 3	
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures

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

Equipment cleaning agent	water		
Colour	grey		
Delivery form	12 kg buckets, 1 pallet (33 buckets of 12 kg each) 25 kg bag, 1 pallet (40 bags of 25 kg each)		
Self-monitoring	EN ISO 9001		
Storage	Can be stored in cool and dry conditions for at least 6 months in original unopened packs.		
Packaging disposal	Make sure single-use containers are completely empty.		

Safety instructions

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

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. [2300018556]