



MC-Fast RC

Fast hardening mortar for fixing works

Product Properties

- Ready-to-use - just mix with water
- Waterproof and corrosionproof after curing
- Chloride-free
- Rapid hardening, loadable after 5 minutes
- Water hazardous class: 1
- 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 etc.
- Electric installation: Fixing of engines, pipes, control boxes etc.
- Sanitary- and heating installation: Mounting of every kind of bracket consoles, heater, pipe brackets, washbasin etc.

Application Notes

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 a temperature of 23 °C. 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.

Do not mix more than needed of MC-Fast RC, because the hardening mixture can not be mixed and applied again! Partially cured mortar can't be made ductile again by adding 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.

For faster sealing works as well as filling of areas with water leakages and sealings of pipe breakthroughs should be applied with the rapid-setting repair mortar like MC-Fix ST.



Technical Data for MC-Fast RC

Characteristic	Unit	Value*	Comments
Mixing Ratio	parts by weight	1 : 3	Water : powder
Processing Time	minutes	2 - 3	
Processing conditions	°C	≥ +5 - ≤ +30	air, substrate and material

* At +23 °C and 65 % relative humidity.

Product characteristics for MC-Fast RC

Internal Production Supervision in accordance with DIN EN ISO 9001	
Colour	grey
Equipment cleaner	water
Storage	Can be stored for at least 6 months in closed packs under frostfree and dry conditions.
Form of Delivery	12 kg buckets, 1 pallet (33 buckets of 12 kg each) 25 kg bag, 1 pallet (40 bags of 25 kg each)
Disposal	To protect our environment please empty the packs completely.

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

Safety advice

Please take notice of the safety information and advice given on packaging labels and safety information sheets. GISCODE: ZP1

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 11/16. 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.