



MC-Fast ST (formerly MC-Fix ST)

Quick-setting plug mortar

Product Properties

- Ready to use - simply mix with water
- Fast setting, approx. 60 seconds after water is added
- Hydraulically setting
- Waterproof
- Free of chlorides and water-soluble salts

Areas of Application

- For caulking in concrete, masonry, render and pits
- Sealing of burst pipes
- For caulking of water outbreaks and seep spots
- Subsequent caulking in tunnel and shaft constructions

Application

Substrate Preparation

Seepage area must be chiselled out inwards into a dovetailed shape and all loose material and contamination must be removed.

Mixing

Fill 3 parts-by-volume of MC-Fast ST into a clean container and mix with 1 part-by-volume of water into a ductile compound. At 20 °C MC-Fast ST solidifies within approx. 60 seconds after water is added. By then the grout is already waterproof. The more fluid the consistency of the mortar the longer the grout needs to become load-bearing.

Low temperatures retard, higher temperatures accelerate the setting process. At temperatures

below +5 °C it is therefore recommended to use a warmed starter liquid, to ensure that solidification process begins after approx. 60 seconds. To extend the processing time, cold starter liquid should be used.

Application

The mixed material is formed into a plug. This plug is then pushed hard into the respective seepage point for two minutes, either by hand or with a trowel. For larger leaks several plugs should be put next to each other. It is recommended to work from the top to bottom.

Note

Partially setted material cannot be remixed and used again. Subsequent dilution is not permitted either.



Technical Data for MC-Fast ST

Characteristic	Unit	Value	Comments
Mixing Ratio	parts by volume	1 : 3	water : powder
Processing time	seconds	approx. 60	at 20 °C
Processing conditions	°C	≥ 5 - ≤ 30	Air, substrate, material temperature

Product Characteristics for MC-Fast ST

Internal Production Supervision	in accordance with DIN EN ISO 9001
Storage	Can be stored in original unopened packs for approx. 12 months. Keep dry and protect from frost!
Form of Delivery	12 kg buckets, 1 palette (33 buckets with 12 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 the packaging labels, Safety Information Sheets and General Application Advice. 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 12/19. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technical-ly revised new edition is issued, this edition becomes invalid.

