

MC-Fastpack PR solid

Highly reactive universal adhesive for concrete, masonry and steel



PRODUCT PROPERTIES

- Ready-to-use 2-component adhesive
- trowelable, stable
- Good adhesion to mineral and metallic surfaces
- Rapid strength development
- Crack-bridging, viscoplastic
- Easy to apply by hand from double-chamber cartridges

AREAS OF APPLICATION

- Bonding of mineral and metallic building materials as well as various plastics
- Bonding of adhesive packers for injection work
- Closing and taping of cracks and cut joints
- Closing of drill holes
- Reprofiling of surfaces
- Manual processing with the MC-Fastpack Power-Tool

APPLICATION ADVICE

Preparatory measures: Prior to injection, an investigation of the structure or the leaks must be carried out according to the state of the art and the rules of technology and an injection concept must be planned. Packers must be placed before injection. A trial injection is recommended.

Mixing the components: Components A and B of MC-Fastpack PR solid are mixed during application in the static mixer of the cartridge system and can be applied directly.

Processing/injection: Two-component injection is carried out with the MC-Fastpack Power-Tool. Depending on the application, MC-Fastpack PR solid can be applied with trowels or trowels or injected.

The adhesive must be carefully worked into the bonded surface immediately after application. In drilled holes or anchor openings, post-compaction by tamping is recommended. The mixer tip can be extended for filling deep holes.

The working time of MC-Fastpack PR solid is influenced by the temperature of the adhesive, the temperature of the substrate and the layer thickness of the adhesive. If work is interrupted for longer than the reaction time allows, replace the static mixer with a new one. Opened cartridges must be sealed with the original cap and can be used again promptly (< 7 days).

For injection, MC-Surfacepacker LP is bonded with MC-Fastpack PR solid.

In case of dimensional tolerances of the mixer tip to the plug-in connection of the packer, the mixer tip can be wrapped with Teflon tape to ensure the tightness of the connection.

Stop application at component/substrate temperatures < 5 °C.

Notes in the information on execution and the safety data sheets must be observed.

Special instructions: Chemical stress and exposure to light may lead to changes in colour shade, which do not affect the suitability for use.

Equipment cleaning: Due to the application by means of a cartridge system, there is no need to clean equipment. If soiling does occur, all solvent-resistant tools can be cleaned with MC-Cleaner eco or MC-Thinner PU. Material that has reacted or set can only be removed mechanically.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Mixing ratio	parts by volume	1 : 1	comp. A : comp. B
Density	g/cm ³	approx. 1.62	component A
		approx. 1.845	component B
Working time	minutes	approx. 10	at 20 °C
Application conditions	°C	5 - 30	air and substrate temperatures
Elongation at fracture	%		EN ISO 527-4
14 d		26	at 20 °C
14 d		22	at 0 °C
Compressive strength	N/mm ²		EN ISO 604
24 h		> 20	
48 h		> 30	
Adhesive tensile strength (concrete, dry)	N/mm ²		DIN 1048-2
24 h		approx. 3.6	
7 d		approx. 3.61	
Adhesive tensile strength (concrete, wet)	N/mm ²		DIN 1048-2
24 h		approx. 0.48	Concrete (moist)
7 d		approx. 1	concrete dry, moist
Tensile strength	N/mm ²		EN ISO 527-4
14 d		approx. 4.5	at 20 °C
14 d		approx. 5.8	at 0 °C

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

Delivery form	8 x 400 ml double chamber cartridges in a box with 10x MC-Quadro Mixer (1:1,2:1)
Storage	Can be stored in original sealed packages at temperatures between 5°C and 20°C in dry conditions for at least 9 months.

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : PU40

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. [2400023645]