

Emcefix Spachtel F rapid

Fine filler with fast hardening behaviour for concrete cosmetics



PRODUCT PROPERTIES

- Ready to use - just mix with water
- Fast hardening
- Polymer modified
- Frost thaw resistant according to EN 13687-3
- Colour fast and light resistant pigmentation
- Layers of up to 6 mm thickness can be applied in single application stages
- Suitable for overhead application
- Sprayable with suitable machine (please ask for technical advice)
- In 3 different colours available (please refer to colour chart)
- Registered with DGNB (Code: LAEDNR)
- Non-flammable acc. to EN 13501-class A1
- Certified class R1 according to EN 1504-3

AREAS OF APPLICATION

- For small and large scale fillings on concrete and exposed concrete
- For fine fillings and repairs on precast concrete components

APPLICATION ADVICE

This filler is not suitable for repairs on mechanically loaded surfaces.

Substrate preparation: Please refer to the data sheet „General Application Advice for fine and super fine fillers“.

Mixing: Emcefix-Spachtel F rapid is poured into the measured water and stirred with a slow-rotating agitator until it has a lump-free, workable consistency.

Lower temperatures retard the curing process, while higher temperatures accelerate it.

Pre-wetting: The substrate has to be prewetted so that it is semidry yet still absorptive. When applying to very uneven surfaces, honey-combs, etc. the moist substrate should be treated previously with Emcefix-Spachtel G.

Application: Emcefix-Spachtel F rapid must only be used if the substrate and surrounding temperatures are above + 5 °C.

For application use a trowel, finishing trowel or MC-Top Rubber float. Depending on the condition of the substrate, Emcefix-Spachtel F rapid can be applied up to a total layer thickness of max. 6 mm. To achieve an even and smooth surface, the filler should be re-profiled within the stated processing time, using the MC-Top Sponge.

Further Information: Colour changes may appear during processing! Use only little water for after-treatment. The MC-Top Sponge should therefore only be cleaned with clean water during re-profiling. 90 % of the excess water should be squeezed out. This prevents the formation of smears on the surface.

After treatment: Surfaces treated with Emcefix-Spachtel F rapid must receive after-treatment quickly to protect them from accelerated water evaporation by sun and wind exposure. Curing usually takes 3 days.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	0.25	
Water addition	l	3.2 - 3.6	per 12 kg
		6.5 - 7.5	per 25 kg
Working time	minutes	approx. 15	at 10° C
		approx. 10	at 20° C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption (flat)	kg/m ²		
Dry mortar	kg/m ²	approx. 1.45	per mm layer thickness
Flexural strength	N/mm ²		
24 h		2.3	
72 h		4	
28 d		6.2	
Compressive strength	N/mm ²		
24 h		4	
72 h		8	
28 d		20	
Tensile strength	N/mm ²		
72 h		0.8	Ambient conditions 23/50
28 d		1.1	Ambient conditions 23/50
Layer thickness	mm	1	minimum layer thickness per pass/operation
		6	maximum layer thickness per pass/operation
		6	maximum total layer thickness

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

Colour	grey, Concrete grey, medium grey
Delivery form	12 kg bucket, 1 pallet (33 buckets with 12 kg each), 25 kg bags, 1 pallet (35 bags with 25 kg each)
Self-monitoring	EN ISO 9001
Hazardous substance according to the Ordinance on Hazardous Substances	Ensure compliance with the DIN Safety Data Sheet!
Storage	Can be stored in cool and dry conditions for at least 12 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. GISCODE : ZP1

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. [2300018555]