

Emcefix-Spachtel F rapid

Fine filler with fast hardening 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 Notes

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 Data for Emcefix-Spachtel F rapid

Characteristic	Unit	Value**	Comments
Max. grain size	mm	0.25	
Colour		grey, concrete grey, medium grey	see Colour overview
Application thickness	mm	1 6 6	Min. layer thickness Max. layer thickness Max. total layer thickness
Processing Time	minutes	approx. 15 / 10	at + 10 °C / at + 20 °C
Processing temperature	°C	≥ + 5 - ≤ + 30	
Added water	litre	3.2 - 3.6 6.5 - 7.5	per 12 kg bucket per 25 kg bag
Consumption	kg/m ²	1.45	per mm layer thickness
Flexural and compressive strength	N/mm ²		
after 1 day		2.3 / 4.0	
after 3 days		4.0 / 8.0	
after 28 days		6.2 / 20.0	
Adhesive tensile strength	N/mm ²		
after 3 days		0.8	
after 28 days		1.1	

Product Characteristics for Emcefix-Spachtel F rapid

Internal production monitoring	DIN EN ISO 9001
Storage	Can be stored for at least 12 months in closed packs under frost-free and dry conditions.
Form of Delivery	12 kg bucket, 1 pallet (33 buckets with 12 kg each), 25 kg bags, 1 pallet (35 bags with 25 kg each)
Disposal	To protect our environment please empty the packs completely.

* DGNB: German Sustainable Building Council

** All values have been determined at + 23 °C and 50 % relative humidity.

Safety advice

Please take notice of the safety information and advice given on the packaging labels and safety data 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 10/18. 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.