

Emcefix-Spachtel F extra fein

Super fine filler for exposed concrete cosmetics

Product Properties

- Polymer modified super fine filler for single layer applications of up to 3 mm
- In 3 different colours available
- Colour fast and light resistant pigmentation
- Ready to use - just mix with water
- Suitable for overhead application
- Weather and frost resistant
- Registered with DGNB* (Code: LAEDNR)
- Low emissions acc. to AgBB
- Non-flammable acc. to EN 13501-class A1
- Certified according to EN 1504-3, class R1 - non structural repair

Areas of Application

- For the creation of aesthetic exposed cosmetics
- For small and large scale fine fillings on concrete and exposed concrete
- Super fine filler for non-trafficable concrete surfaces for indoor and outdoor use cases
- For fine fillings and repairs on precast concrete elements
- To close pores, cavities and roughness

Application Notes

Substrate preparation

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

Mixing

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

For the application use a trowel, finishing trowel or MC-Tool Rubber. Depending on the condition of the substrate, Emcefix-Spachtel F extra fein can in one working step be applied up to a total layer thickness of max. 3 mm. To achieve an even and smooth surface, the filler should be re-profiled within the stated processing time, using MC-Tool Sponge.

Further Information

Colour changes may appear during processing! Use only little water for after-treatment. The MC-Tool 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 extra fein 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 extra fein

Characteristic	Unit	Value**	Comments
Max. grain size	mm	0.125	
Colour		light grey concrete grey medium grey	respect Colour overview
Layer thickness	mm	0.5 3 3	Min. layer thickness per work step Max. layer thickness per work step Max. total layer thickness
Processing time	minutes	approx. 30	at + 20 °C
Processing temperature	°C	≥ + 5 - ≤ + 30	air/material/substrate temperature
Added water	litre	8.5 - 9.5	per 25 kg bag
Consumption	kg/m ²	1.5	per mm layer thickness
Flexural / Compressive strength	N/mm ²	1.9/ 7.2 2.6/10.4 3.0/14.8 5.0/23.4	after 1 day after 3 days after 7 days after 28 days

Product Characteristics for Emcefix-Spachtel F extra fein

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	25 kg bag, 1 pallet (40 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 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 07/20. 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.