

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 ADVICE

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 VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	0.125	
Water addition	l	8.5 - 9.5	
Working time	minutes	30	at 20°C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption (flat) dry mortar	kg/m ² /mm	approx. 1.5	
Flexural strength	N/mm ²		
24 h		1.9	
72 h		2.6	
7 d		3	
28 d		5	
Compressive strength	N/mm ²		
24 h		7.2	
72 h		10.4	
7 d		14.8	
28 d		23.4	
Layer thickness	mm		
		0.5	minimum layer thickness per pass/operation
		3	maximum layer thickness per pass/operation
		3	maximum total layer thickness

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

colour shade	light grey, concrete grey, mid-grey
delivery form	25 kg bag; 1 pallet (35 bags @ 25 kg)
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. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.

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. [2100004658]