

Emcefix-Spachtel G extra

High-strength coarse filler for Concrete Cosmetics

Product Properties

- Ready to use - just mix with water
- Polymer-modified
- Fiber reinforced
- High flexural and compressive strength
- Frost-thaw resistant according to EN 13687-3
- Application thickness up to 25 mm single layer, up to 50 mm double layer
- Suitable for vertical and overhead application
- Sprayable with suitable machine (please ask for technical advice)
- Non-flammable according to EN 13501 - class A1
- Registered with DGNB* (Code: 5PAKN6)
- Certified class R2 according to EN 1504-3

Areas of Application

- For small and large area fillings
- For deep imperfections until 50 mm (two layer)
- For concrete imperfections on the jobsite and in precast factories

Application Notes

Substrate preparation

See leaflet „General Application Advice for coarse fillers“.

Bond coat

When applying to overhead surfaces and surfaces with deeper cavities, honey-combs, etc. the moist substrate should be coated with Emcefix-Haftbrücke first.

Mixing

Emcefix-Spachtel G extra is poured into the prepared water and stirred with slow-moving agitators until the mixture has a lump-free, semi-plastic consistency.

Mix only complete packs!

Application

Emcefix-Spachtel G extra is applied onto the fresh semidry bonding layer. The filler can be applied in layer thickness of 6 to 25 mm in a single application. If a layer thickness of more than 25 mm is required, multiple layers must be applied, subsequent layers onto the partially cured previous one.

If the first layer is completely cured, it must be pre-wetted and treated with Emcefix-Haftbrücke again before a second layer can be applied.

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

Emcefix-Spachtel G extra must only be processed at substrate and surrounding temperatures of more than + 5 °C.

Finishing

Emcefix-Spachtel G extra have to be reprofiled and finished with a steel float.

Curing

Surfaces treated with Emcefix-Spachtel G extra must be cured quickly to protect them from accelerated water evaporation by sun and wind exposure. Curing usually takes 3 days.



Technical Data for Emcefix-Spachtel G extra

Characteristic	Unit	Value	Comments
Grain size	mm	2.0	
Application thickness	mm	6 - 25	single layer
Processing Time	minutes	approx. 30	at + 20 °C
Recommended Processing Temperature	°C	≥ +5 - ≤ +30	air, material, substrate temperature
Added water	litre	4.25 - 4.50	per 25 kg sack
Consumption	kg/m ²	1.6 - 1.8	per mm layer thickness
Flexural/compressive strength after 24 hours after 7 days after 28 days	N/mm ²	approx. 5.0/25.0 approx. 7.0/50.0 approx. 8.0/55.0	at 23 °C and 50 % humidity

Product Characteristics for Emcefix-Spachtel G extra

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 sacks. 1 pallet (40 sacks with 25 kg each)
Disposal	To protect our environment please empty the packs completely.

*DGNB: German Sustainable Building Council

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

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.