

Emcefix-Spachtel G rapid

Coarse filler with fast hardening for Concrete Cosmetics

Product Properties

- Ready to use - just mix with water
- Polymer modified
- Weather and frost resistant
- Suitable for overhead application
- Layers of up to 25 mm thickness can be applied in single application
- Registered with DGNB* (Code: 5PAKN6)
- Non-flammable according to EN 13501-class A1
- Certified according to EN 1504-3, class R2

Areas of Application

- Repair of small imperfections in concrete and fairfaced concrete, e.g.:
 - Honey-combs
 - Damaged edges and corners
 - Mould lines
 - Taper holes
- Repair of small scale works up to 1 m²

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 Coarse fillers“.

Mixing

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

Only mix complete packs!

Pre-wetting and bonding agent

The substrate should be prewetted before the bonding agent is applied. It should be semidry, but still absorptive.

The moist substrate should be first coated with Emcefix-Haftbrücke.

Application

Emcefix-Spachtel G rapid 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 prewetted and treated with Emcefix-Haftbrücke again before a second layer can be applied.

After treatment

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

Further Information

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

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



Technical Data for Emcefix-Spachtel G rapid

Characteristic	Unit	Value	Comments
Grain size	mm	2.0	
Application thickness	mm	6 25 50	min. layer per working step max. layer per working step max. total layer thickness
Processing Time	minutes	approx. 10 / 7	at + 10 °C / at +20 °C
Processing Temperature	°C	≥ 5 - ≤ 30	Air, material, substrate temperature
Added water	litre	2.60 - 2.80 4.25 - 4.75	per 15 kg bucket per 25 kg bag
Consumption	kg/m ²	1.8	per mm layer thickness
Flexural / Compressive Strength	N/mm ²		at 23 °C and 50 % humidity
after 24 hours		2.8 / 6.6	
after 7 days		4.1 / 24.6	
after 28 days		5.1 / 29.0	
Adhesive tensile strength	N/mm ²		at 23 °C and 50 % humidity
after 3 days		1.3	1.1
after 28 days		1.6	1.6

Product Characteristics for Emcefix-Spachtel G rapid

Internal production monitoring	DIN EN ISO 9001
External production monitoring	MPA, Clausthal-Zellerfeld
Storage	Can be stored for at least 12 months in closed packs under frost-free and dry conditions.
Form of Delivery	15 kg bucket, 1 pallet (33 buckets with 15 kg each) 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.

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

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.