Emcefix Spachtel G rapid

Coarse filler with fast hardening for Concrete Cosmetics

BE SURE. BUILD SURE.

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, g.:
  -Honey-combs
  -Damaged edges and corners
  -Mould lines
  -Taper holes
- Repair of small scale works up to 1 m^2

APPLICATION ADVICE

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 pre- wetted 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 usally 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.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	2	
Water addition	l	2.6 - 2.8	per 15 kg
		4.25 - 4.75	per 25 kg
Working time	minutes	approx. 10	at 10° C
		approx. 7	at 20° C
Application conditions [1)]	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	kg/m²	1.8	per mm layer thickness
Flexural strength	N/mm²		
24 h		2.8	
7 d		4.1	
28 d		5.1	
Compressive strength	N/mm²		
24 h		6.6	
7 d		24.6	
28 d		29	
Tensile strength	N/mm²		
72 h		1.3	
28 d		1.6	
Layer thickness	mm	6	minimum layer thickness per pass/operation
		25	maximum layer thickness per pass/operation
		50	maximum total layer thickness
	All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.		

1) recommended

Delivery form	15 kg bucket, 1 pallet (33 buckets with 15 kg each) 25 kg bag, 1 pallet (40 bags with 25 kg each)
Self-monitoring	EN ISO 9001
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.

Safety instructions
Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : ZP1

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