

# Emcefix Spachtel G lang

Coarse filler with standard hardening behaviour for concrete cosmetics



## PRODUCT PROPERTIES

- Polymer modified coarse filler for single layers of up to 25 mm thickness
- Ready to use - just mix with water
- Normal hardening, suitable for overhead application
- Weather and frost resistant
- Sprayable with suitable machine (please ask for technical advice)
- Registered with DGNB (Code: 5PAKN6)
- Low emissions acc. to AgBB
- Very low emission according to GEV-EMICODE, categorie EC1<sup>PLUS</sup>
- Non-flammable according to EN 13501-class A1
- Certified according to EN 1504-3, class R2

## AREAS OF APPLICATION

- Coarse filler for the repair of defects on concrete and fair-faced concrete, such as gravel pockets, broken edges, formwork attachments, cone holes
- For non-accessible and non-trafficable concrete components in interior and exterior areas
- For coarse fillings and repairs to precast concrete elements
- For small coarse fillings up to 1 m<sup>2</sup>

## APPLICATION ADVICE

Emcefix-Spachtel G lang 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 lang is poured into the prepa- red 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 lang 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 lang 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 lang must only be processed at substrate and surrounding temperatures of more than + 5 °C.

## 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. 20	at 20° C
Application conditions <sup>1)</sup>	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	kg/m <sup>2</sup>		
Dry mortar		1.8	
Flexural strength	N/mm <sup>2</sup>		
24 h		2.3	
7 d		3	
28 d		4.8	
Compressive strength	N/mm <sup>2</sup>		
24 h		6.6	
7 d		21	
28 d		29.5	
Tensile strength	N/mm <sup>2</sup>		
72 h		1.1	Ambient conditions 23/50
28 d		1.6	Ambient conditions 23/50
Layer thickness	mm		
		6	minimum layer thickness per pass/operation
		25	maximum layer thickness per pass/operation
Layer thickness (total)		50	

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

**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. [2300018558]