

## Polymer-modified cement putty

### Description

PLANFIX is a polymer-modified, cement-based, fine-grained mortar, for indoor or outdoor application. With the addition of water a paste with very good workability is formed, suitable for puttying.

It is classified as a PCC R2 type mortar, for concrete repairs, according to EN 1504-3.

### Fields of application

- Smoothing and repairing of exposed concrete.
- Sealing of cracks, pores or cavities on concrete surfaces.
- Total surface smoothing (stuccoing) with very thin layers instead of plastering or cement mortar application.

### Technical data

Form:	cementitious powder
Colors:	grey, white
Pot life:	4-7 h at +20°C

#### PLANFIX Grey

Water demand:	6,00 l/25 kg bag
Bulk density of dry mortar:	1,35 ± 0,10 kg/l
Bulk density of fresh mortar:	1,70 ± 0,10 kg/l
Compressive strength:	> 20,00 N/mm <sup>2</sup>
Flexural strength:	> 6,00 N/mm <sup>2</sup>
Chloride ion content	0,00%
Adhesion strength	≥ 1,70 N/mm <sup>2</sup>
Thermal compatibility Part 1 (50 freeze-thaw cycles)	≥ 1,60 N/mm <sup>2</sup>

Capillary absorption	0,39·kg·m <sup>-2</sup> ·h <sup>-0,5</sup>
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Reaction to fire	Euroclass A1
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#### PLANFIX White

Water demand:	6,25 l/25 kg bag
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Bulk density of dry mortar:	1,35 ± 0,10 kg/l
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Bulk density of fresh mortar:	1,70 ± 0,10 kg/l
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Compressive strength:	> 20,00 N/mm <sup>2</sup>
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Flexural strength:	> 6,00 N/mm <sup>2</sup>
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Chloride ion content	0,00%
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Adhesion strength	≥ 1,70 N/mm <sup>2</sup>
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Thermal compatibility Part 1 (50 freeze-thaw cycles)	≥ 1,60 N/mm <sup>2</sup>
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Capillary absorption	0,25·kg·m <sup>-2</sup> ·h <sup>-0,5</sup>
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Reaction to fire	Euroclass A1
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### Directions for use

#### 1. Substrate

The substrate must be stable and free of dust, grease, loose material etc. Before application of PLANFIX the surface should be thoroughly dampened.

#### 2. Application

PLANFIX is gradually added into water, in a clean vessel, under continuous stirring, until a uniform pasty putty is formed. Approx. 3 parts by volume PLANFIX should be mixed with 1 part of water.

### Consumption

Approx. 1,3 kg/m<sup>2</sup>/mm of layer thickness.

## Packaging

PLANFIX grey is supplied in bags of 5 kg and 25 kg, whereas PLANFIX white is supplied in 25 kg bags.

## Shelf-life - Storage

- Paper bags of 25 kg:  
12 months from production date
- Plastic bags of 5 kg:  
18 months from production date

All of the above are in effect if the product is stored in original unopened packaging, in places protected from moisture and frost.

## Remarks

- Temperature during application should be at least +5°C.
- In hot weather PLANFIX should be watered after application, to be protected from water loss.
- PLANFIX contains cement and reacts as alkaline with water, so it is classified as irritant.
- Consult the usage risks and safety advice written on the bag.



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EN 1504-3

Concrete repair product for non structural repair  
PCC mortar (based on hydraulic cement, polymer modified)

Compressive strength: class R2

Chloride ion content:  $\leq 0,05\%$

Adhesive Bond:  $\geq 0,8$  MPa

Thermal compatibility part 1:  $\geq 0,8$  MPa

Capillary absorption:  $\leq 0,5 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0,5}$

Dangerous substances: comply with 5.4

Reaction to fire: Euroclass A1

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