

PLANFIX-FINE

Extra fine-grained, polymer-modified, cementitious powder filler

Description

PLANFIX-FINE is a polymer-modified, cement-based, extra fine-grained powder filler, for indoor or outdoor applications. With the addition of water, a paste of very good workability is formed, ideal for thin-layer applications (e.g. stuccoing).

Because of its particle size, it can also be applied by spraying.

Certified according to EN 1504-3 and classified as a PCC R2 type mortar for concrete repairs. CE marked.

PLANFIX-FINE has received an Environmental Product Declaration (EPD) following an assessment of its life-cycle environmental impacts. Registration No: S-P-06173, The International EPD® System.

Fields of application

- Smoothing and repairing exposed concrete.
- Filling cracks, pores or cavities in concrete surfaces.
- Forming thin smoothing layers (stuccoing), instead of applying plaster or cement mortar.

Technical data

Form: cementitious powder

Color: grey, white

Pot life: 4-7 h at +20°C

PLANFIX-FINE Grey

Water demand: 6.75 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: > 18.00 N/mm²

Flexural strength: > 6.00 N/mm²

Chloride ion content: 0.00%

Adhesion: ≥ 1.4 N/mm²

Thermal compatibility Part 1 (50 freeze-thaw cycles): ≥ 1.3 N/mm²

Capillary absorption: 0.44·kg·m⁻²·h^{-0.5}

Reaction to fire: Euroclass A1

PLANFIX-FINE White

Water demand: 6.75 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: > 18.00 N/mm²

Flexural strength: > 6.00 N/mm²

Chloride ion content: 0.00%

Adhesion: ≥ 1.4 N/mm²

Thermal compatibility Part 1 (50 freeze-thaw cycles): ≥ 1.3 N/mm²

Capillary absorption: 0.48·kg·m⁻²·h^{-0.5}

Reaction to fire: Euroclass A1

Directions for use

1. Substrate preparation

The substrate must be stable and free of dust, grease, loose materials, etc. Prior to application of PLANFIX-FINE, the surface should be thoroughly dampened.

2. Application

PLANFIX-FINE is slowly added to a clean container with water – 3 parts PLANFIX-FINE to 1 part water by volume – under continuous stirring until a uniform, pasty putty is formed.

Consumption

Approx. 1.3 kg/m²/mm of layer thickness.

Packaging

- PLANFIX-FINE grey: 25 kg bags
- PLANFIX-FINE white: 5 kg and 25 kg bags

PLANFIX-FINE

Shelf life – Storage

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

The above information is valid as long as the product is stored in original, unopened packaging, in places protected from moisture and frost.

Remarks

- Temperature during application should range between +5°C and +30°C.
- In hot weather, PLANFIX-FINE should be dampened after application to prevent water loss.
- PLANFIX-FINE contains cement that reacts with water forming alkaline solutions, thus is classified as irritant.
- Please consult the directions for safe use and precautions written on the packaging before use.



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EN 1504-3

DOP No.: PLANFIX-FINE GREY / 1215-03

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

Compressive strength: class R2

Chloride ion content: ≤ 0,05%

Adhesive Bond: ≥ 0,8 MPa

Thermal compatibility part 1: ≥ 0,8 MPa

Capillary absorption: ≤ 0,5'kg·m⁻²·h^{-0,5}

Dangerous substances: comply with 5.4

Reaction to fire: Euroclass A1



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EN 1504-3

DOP No.: PLANFIX-FINE WHITE / 1212-03

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

Compressive strength: class R2

Chloride ion content: ≤ 0,05%

Adhesive Bond: ≥ 0,8 MPa

Thermal compatibility part 1: ≥ 0,8 MPa

Capillary absorption: ≤ 0,5'kg·m⁻²·h^{-0,5}

Dangerous substances: comply with 5.4

Reaction to fire: Euroclass A1

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BUILDING CHEMICALS AND MORTARS

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