

Polymer-modified cement putty, extra fine-graded, ideal for professionals

Description

PLANFIX-FINE PROFESSIONAL is a polymer-modified, cement-based, extra fine-grained putty mortar, for indoor or outdoor application. With the addition of water a paste is formed, having very good workability, suitable for thin layers (e.g. puttying). Compared to ordinary putties it offers the following advantages:

- It is light weight and more easy to apply.
- It is easier to be sanded.
- It has less consumption.

Because of its particle-size it can also be applied using a gunite machine.

It is classified as a type GP CS IV, W2 mortar, according to EN 998-1.

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
Color:	white
Pot life:	4 h at +20°C
Water demand:	7,75 l/25 kg bag
Bulk density of dry mortar:	1,25 ± 0,10 kg/l
Bulk density of fresh mortar:	1,60 ± 0,10 kg/l
Compressive strength:	≥ 6,0 N/mm ²
Flexural strength:	≥ 2,0 N/mm ²

Chloride ion content	0,00%
Adhesion strength	≥1,0 N/mm ²
Capillary water absorption:	≤ 0,2 kg/m ² min ^{0,5}
Thermal compatibility Part 1 (50 freeze-thaw cycles)	≥ 0,8 N/mm ²
Reaction to fire	Euroclass A1

Directions for use

1. Substrate

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

2. Application

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

Consumption

Approx. 1,2 kg/m²/mm of layer thickness.

Packaging


PLANFIX-FINE PROFESSIONAL is supplied in bags of 25 kg.

Shelf-life - Storage

12 months from production date 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-FINE PROFESSIONAL should be sprayed with water after the application, to be protected from water loss.
- PLANFIX-FINE PROFESSIONAL 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.


ISOMAT S.A. 17 th km Thessaloniki – Ag. Athanasios P.O. BOX 1043, 570 03 Ag Athanasios, Greece 14
EN 998-1 General purpose plastering mortar (GP) for internal use DoP No.: PLANFIX FINE PROFESSIONAL/ 1211-05 Reaction to fire: Class A1 Adhesion: 1,0 N/mm ² – FP:A Water absorption: W2 Water vapour diffusion coeff.: μ 19 Thermal conductivity: (λ _{10,dry}) 0,39 W/mK Durability (against freeze/thaw): evaluation based on provisions valid in the intended place of use of the mortar

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The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.



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