

TECHNICAL DATA SHEET

BETOFIX

 Cement-based powder filler

DESCRIPTION

BETOFIX is a polymer-modified, quartz-based, and cement-based powder filler, with powerful adhesion and high mechanical strength. Suitable for smoothing and troweling visible concrete surfaces, plasters, cement mortars on floors and walls with layers up to 5mm thick. With glass mesh it creates a smooth and at durable surface, ideal as a substrate for pressed cement mortar.

It is modified with specially selected synthetic resins, it does not sag, so it does not need a mold and does not allow cracks to reappear. It has very high mechanical strength, very strong adhesion, and excellent workability. It can be applied both indoors and outdoors. Its special composition allows the filling of holes and cracks up to 2mm wide and up to 30mm thick.

Certified according to EN 998-1 and classified as type GP CS IV, W2 mortar.

APPLICATION AREAS

Suitable for filling cracks, holes and generally smoothing surfaces on painted and unpainted plaster and concrete surfaces. Also suitable for repairing and leveling floors even for heavy use. Ideal for repairing damage around window frames and lintels as well as broken edges on columns. It does not burst or create cracks when we use nails or screws.

Ready to use by simply mixing it with water, it can be applied outdoors and indoors and withstands all weather conditions.

APPLICATION INSTRUCTIONS

Surface preparation

The surface must be clean and free of loose spots, dust, paint, grease, oil and wetted before application.

Application

Empty the powder into clean water, in a ratio that serves us according to the use and stir with a low-

speed drill. The stirring is recommended to be done with a low-speed drill (250-300 rpm), until a homogeneous mass without lumps is created, suitable for the intended use. If a second coating is needed, it is recommended to apply it after a while without wetting. The material, after drying, can be smoothed with sandpaper where necessary.

CONSUMPTION

Approximately 2.5 kg/m², depending on the thickness and depth of the application.

CLEANING

Clean the tools immediately after use with water.

STORAGE

12 months from the date of production in unopened package kept in a dry place

SAFETY

Read carefully the label of the product before use. Detailed instructions regarding hazards and safety are provided in the Safety Data Sheet, which is available upon request.

PACKAGING

25kg paper bag/1350Kg pallet.

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Technical Data (Measurement conditions 23°C and 50% R.H.):

Form	cementitious powder	Maximum grain size	1,50 mm
Color	white	Water demand	280ml/1kg
Application temperature	from 5 °C to 35 °C	Compressive strength	28,2 N/mm ²
Temperature resistance	from -30 °C to 90 °C	Adhesion strength (28 days)	0,8 N/mm ²
Consumption	2.5 kg/m ² , depending on the thickness and depth of the application	Capillary water absorption	≤ 0,1 kg/m ² min ^{0,5}
Maximum application thickness	30mm	Water vapor permeability coefficient (μ)	6
Specific gravity of dry mortar	1390 Kg/m ³	Thermal conductivity (λ _{10,dry})	0,39 W/(m.K)
Pot life	3 hours	Reaction to fire	Class A1



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NOTICE

The technical information and instructions provided in this datasheet referring to the application and end use of PROLAT products are based on the company's expertise and experience with the products to date. They are provided in good faith under the condition that the products are stored, used, and applied in accordance with PROLAT's instructions. However, given our inability to directly oversee conditions at construction sites or during product application, the company cannot guarantee the suitability of its products for specific purposes, nor does it assume any legal responsibility based on the information provided in this brochure, whether written, oral, or otherwise communicated. Users are advised to conduct a small test to assess the suitability of the products for their intended application and purpose of use. The company reserves the right to modify the properties of its products without prior notice.

 21
PROLAT S.A. Production of Minerals and Mortars Afroditis 50 - P. Faliro, PC:175 61, Greece DoP No: 026-PROLAT-CPR
EN 998-1:2016 BETOFIX General purpose rendering mortar (GP) for external and internal use Reaction to fire: Class A1 Adhesion: $\geq 0.8 \text{ N/mm}^2$ – FP: A Water absorption: W2 Water vapor diffusion coeff.: $\mu:6$ Thermal conductivity: ($\lambda_{10, dry}$) 0.39 W/mK (tab. value) Durability (against freeze/thaw): NPD Dangerous substances: See SDS