

## TECHNICAL DATA SHEET

# FAST SETTING REPAIR PLASTER

### DESCRIPTION

White fibre-reinforced fast-setting repair plaster for repairs, leveling of crumbling plasters and general bad workmanship. It has strong adhesion, dries quickly and is ideal for applications up to 1 cm thick per layer.

Certified according to EN 998-1 and classified as type CS IV, W1.

### APPLICATION AREAS

Ideal for the restoration of concrete surfaces and the cross-sections of concrete-based structural elements that have failures (pores, small imperfections in corners and edges) or have suffered mechanical damage. It is suitable for the repair and filling of both vertical and horizontal surfaces up to 1cm thick.

### APPLICATION INSTRUCTIONS

#### Surface preparation

The surface must be clean, structurally sound and free from dust, dirt, oil, grease or other materials that reduce adhesion.

#### Application

Mix the **FAST SETTING REPAIR PLASTER** with an electric hand mixer at low speed (~300 r.p.m.) or with another mechanical mixer. Pour the appropriate amount of water into the mixing container and while slowly mixing, add the powder to the water and mix well for at least 3 minutes. Add additional water during mixing until a

homogeneous, lump-free mixture is formed. 25 kg of dry mortar require 6.5-7.0 lt of water, depending on the desired workability. Before applying the mortar, the surface should be wetted to saturation point and the water trapped in cavities must be removed with the help of a sponge. First apply a thin layer in such a way that cracks, holes and cavities are filled. Then apply the **FAST SETTING REPAIR PLASTER** and compact it well. If additional layers are desired, apply them once the previous

one has begun to dry to the point where the mortar does not stick to the hand.

### CONSUMPTION

Approximately 15 kg/m<sup>2</sup>.

### 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.

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

Form	cementitious powder	Coherence	184 mm
Color	grey	Compressive strength	8,8 N/mm <sup>2</sup>
Water demand	6,5-7lt/25kg	Adhesion strength (28 days)	0,6 N/mm <sup>2</sup>
Application temperature	from 5 °C to 35 °C	Capillary water absorption	≤ 0,4 kg/m <sup>2</sup> min <sup>0,5</sup>
Maximum thickness per layer	2cm, spatially up to 4cm	Water vapor permeability coefficient (μ)	11
Maximum application thickness	3-4 cm	Thermal conductivity (λ <sub>10,dry</sub> )	0,54 W/(m.K)
Consumption	15 kg /m <sup>2</sup>	Reaction to fire	Class A1
Specific gravity of wet mortar	1930 Kg/m <sup>3</sup>	Pot life	2h




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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.

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<b>PROLAT S.A.</b> Production of Minerals and Mortars Afroditis 50 - P. Faliro, PC:175 61, Greece DoP No: 025-PROLAT-CPR
EN 998-1:2016 <b>FAST SETTING REPAIR PLASTER</b> General purpose rendering mortar (GP) for external and internal use  <b>Reaction to fire:</b> Class A1 <b>Adhesion:</b> $\geq 0.6 \text{ N/mm}^2$ – FP:A <b>Water absorption:</b> W1 <b>Water vapor diffusion coeff.:</b> $\mu:11$ <b>Thermal conductivity:</b> ( $\lambda_{10, \text{dry}}$ ) 0.54 W/mK (tab. value) <b>Durability (against freeze/thaw):</b> NPD <b>Dangerous substances:</b> See SDS