

## TECHNICAL DATA SHEET

# ROUGHCAST PLASTER

### DESCRIPTION

**ROUGHCAST PLASTER** is a ready-to-use (with the addition of water only) cementitious mortar. It contains specially selected aggregates of graded granulometry with a maximum diameter of 4.0 mm. It contains high-strength cement and specially selected active materials with hydraulic properties that give it very good mechanical strength and strong adhesion. It is ideal for the preparation of surfaces to which any classic or resin-based plaster will be applied.

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

### APPLICATION AREAS

**ROUGHCAST PLASTER** is used as a bonding layer on internal or external surfaces made of bricks, cement blocks, or concrete to strengthen the adhesion of the plaster that will follow.

### APPLICATION INSTRUCTIONS

#### Surface preparation

The surface must be clean and free of loose spots, dust, paint, grease, oil, any defects and gaps in the joints are repaired, and wetted before application.

#### Application

It is added to the water while stirring, until a mortar with the desired workability is created. Mix the **ROUGHCAST PLASTER** with a low-speed drill or in a concrete mixer (hand mixing should be avoided) until a homogeneous liquid mortar without lumps is created. We apply using a trowel or machine, just as we apply classic thrown-plaster.

### CONSUMPTION

Approximately 6-8 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.

### PACKAGING

30kg paper bag/1440Kg pallet.

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

Form	cementitious powder	Coherence	166 mm
Color	Grey	Pot life	3hr at +20°C
Water demand	5,5lt/30kg	Compressive strength	12,9 N/mm <sup>2</sup>
Application temperature	from 5 °C to 35 °C	Adhesion strength (28 days)	0,5 N/mm <sup>2</sup>
Application thickness	2,5 cm (maximum)	Capillary water absorption	≤ 0,1 kg/m <sup>2</sup> min <sup>0,5</sup>
Consumption	6-8 kg /m <sup>2</sup> /mm	Water vapor permeability coefficient (μ)	6
Specific gravity of dry mortar	1840 Kg/m <sup>3</sup>	Thermal conductivity (λ <sub>10,dry</sub> )	0,88 W/(m.K)
Specific gravity of wet mortar	2000 Kg/m <sup>3</sup>	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.

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<b>PROLAT S.A.</b> Production of Minerals and Mortars Afroditis 50 - P. Faliro, PC:175 61, Greece DoP No: 013-PROLAT-CPR
EN 998-1:2016 <b>ROUGHCAST PLASTER</b> General purpose rendering mortar (GP) for external and internal use  <b>Reaction to fire:</b> Class A1 <b>Adhesion:</b> 0.5 N/mm <sup>2</sup> – FP:A <b>Water absorption:</b> W2 <b>Water vapor diffusion coeff.:</b> μ:6 <b>Thermal conductivity:</b> (λ <sub>10,dry</sub> ) 0.88 W/mK (tab. value) <b>Durability (against freeze/thaw):</b> NPD <b>Dangerous substances:</b> See SDS