

## TECHNICAL DATA SHEET

# VISTRO 10 Sprayed plaster, without cement

### DESCRIPTION

**Vistro 10** is a cement-free plastering mortar. It contains quartz aggregates of graded granulometry with a maximum diameter of 2.5 mm. The combination of fine-grained pozzolan (<75 µm) and specially selected active materials with hydraulic properties provide excellent mechanical strength and powerful adhesion. It is ideal for preparing surfaces that will accept **Vistro 20** base coat plaster as well as any other classic or resin base coat plaster.

Certified according to EN 998-1 and classified as type CS II, W0.

### APPLICATION AREAS

**Vistro 10** in combination with **Vistro 20** is applied to masonry with strong problems of damp moisture. It is recommended for applications on surfaces where we do not wish to use concrete or cement (period buildings, preserved buildings, restorations, etc.). It can also be used as part of the classic plastering system as a classic plaster.

### 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 using **Vistro 10** and **Vistro 20**. The surface must be wetted before application.

#### Application

There is no recommended dry mortar/water mixing ratio. Since the properties of the material in relation to water do not change, the water ratio can be defined by the user, depending on the work and the priming and the application of the final coatings, with a desired consistency of wet mortar.

Mix **Vistro 10** with a low-speed drill or in a concrete mixer (hand mixing should be avoided) until a homogeneous, lump-free liquid mortar is created. Apply **Vistro 10** using a trowel or with a special plastering machine, just as we apply classic plastering.

### CONSUMPTION

Approximately 6-8 kg /m<sup>2</sup> depending on the applied thickness and surface condition.

### 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	powder	Coherence	180 mm
Water demand	7.5lt-8lt/20kg	Compressive strength	4,8 N/mm <sup>2</sup>
Application temperature	from 5 °C to 35 °C	Adhesion strength (28 days)	0,7 N/mm <sup>2</sup>
Application thickness	2.5 cm (max)	Capillary water absorption	≤ 0,8 kg/m <sup>2</sup> min <sup>0,5</sup>
Consumption	6-8 kg /m <sup>2</sup>	Water vapor permeability coefficient (μ)	6
Specific gravity of dry mortar	1890 Kg/m <sup>3</sup>	Thermal conductivity (λ <sub>10,dry</sub> )	0,49 W/(m.K)
Specific gravity of wet mortar	2030 Kg/m <sup>3</sup>	Reaction to fire	Class A1

**PACKING**  
30KG PAPER BAG, 1440KG PALLET



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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: 018-PROLAT-CPR
EN 998-1:2016 <b>VISTRO 10</b> General purpose rendering mortar (GP) for external and internal use  <b>Reaction to fire:</b> Class A1 <b>Adhesion:</b> $\geq 0.7 \text{ N/mm}^2$ – FP:A <b>Water absorption:</b> $W_c 0$ <b>Water vapor diffusion coeff.:</b> $\mu: 6$ <b>Thermal conductivity:</b> ( $\lambda_{10, dry}$ ) 0.49 W/mK (tab. value) <b>Durability (against freeze/thaw):</b> NPD <b>Dangerous substances:</b> See SDS