

TECHNICAL DATA SHEET

VISTRO 30 mortar for final layer plastering, without cement

DESCRIPTION

Vistro 30 is a cement-free, bioclimatic inorganic mortar for final layer plastering. In combination with **Vistro 10** and **Vistro 20** we have a plastering system without cement while it replaces the last coat of plaster in the classic plastering system. It contains hydraulic lime, special quartz aggregates and the 100% inorganic character of the final surface provides very high breathability thus contributing to the bioclimatic character of the building while its shades and consistency are not affected by UV radiation. It dries faster than classic plaster, helping to have drier facades without foci of growth of microorganisms and fungi.

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

APPLICATION AREAS

Vistro 30 is applied to the surfaces where the classic marble-plaster is used. It replaces the classic final plaster but additionally provides bioclimatic properties and particularly increased breathability without the use of cement.

APPLICATION INSTRUCTIONS

Surface preparation

Vistro 30 is applied in the classic way of applying marble-plaster over thick plaster. The substrate must be dry and clean, free from dust, oil, loose materials, etc.

Application

Empty the powder (25kg) into a clean container with water and stir for 5-10 minutes with a low-speed drill until a homogeneous, cohesive paste without lumps is created, adjusting the desired

workability by slowly and gradually adding clean water. To apply **Vistro 30** (either with a press or by hand with a trowel) follow the steps of the marble plaster: Apply the first coat (primer) and after it dries (after 10-15 minutes) apply the second coat. The total thickness of the two coats must be a maximum of 5 mm. The second coat must be applied on the same day as the first coat and not the next day. After the second coat has dried, the initial rubbing (brine) is done with sandpaper (not with a sponge). At the end of the rubbing, we rub with up and down movements, so that the surface that will be left makes uniform lines to achieve a rustic or island style.

CONSUMPTION

Approximately 6 kg /m² 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.

PACKAGING

25kg paper bag, 1500kg pallet

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

Form	powder	Coherence	137 mm
Water demand	4lt-4,5lt/20kg	Compressive strength	2,3 N/mm ²
Application temperature	from 5 °C to 35 °C	Adhesion strength (28 days)	0,1 N/mm ²
Application thickness	2.5 cm (max)	Capillary water absorption	≤ 1,2 kg/m ² min ^{0,5}
Consumption	6 kg /m ²	Water vapor permeability coefficient (μ)	3
Specific gravity of dry mortar	1450 Kg/m ³	Thermal conductivity (λ _{10,dry})	0,53 W/(m.K)
Specific gravity of wet mortar	1500 Kg/m ³	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: 020-PROLAT-CPR
EN 998-1:2016 VISTRO 30 General purpose rendering mortar (GP) for external and internal use Reaction to fire: Class A1 Adhesion: ≥ 0.1 N/mm ² – FP:A Water absorption: W _{c0} Water vapor diffusion coeff.: μ :3 Thermal conductivity: ($\lambda_{10, dry}$) 0.53 W/mK (tab. value) Durability (against freeze/thaw): NPD Dangerous substances: See SDS