

DÉCOR SV 010

EN 998-1
GP/CSIII/W_c2

Waterproof exterior white finish-coat plaster

DESCRIPTION

Ready mortar based on high-strength Portland white cement (I – 52.5), white marble fine-grained aggregates, calcium hydroxide and special additives to improve adhesion and achieve waterproofing. Mix only with water. It minimizes material preparation time and increases the speed of application.

Το προϊόν συνοδεύεται με Περιβαλλοντική Δήλωση (Environmental Product Declaration – EPD) σχετικά με τις περιβαλλοντικές επιπτώσεις κατά τη διάρκεια του κύκλου ζωής του. (EPD registration number: S-P-09530).

APPLICATION FIELDS

As finish-coat plaster (marble based) when applying the three-coat technique, on exterior surfaces previously roughcasted with SV2 base-coat plaster.

Ideal in case where additional protection from humidity is needed (seafront houses, islands, mountainous areas, etc.).

Due to its fine grading (<1.2mm) and to the physical characteristics of marble powder, it gives a white and smooth final surface ready for scrubbing and painting. In special cases, the product can be reinforced with MARMOLINE MP 20 acrylic dispersion.

CHARACTERISTICS/ ADVANTAGES

- High strength
- Excellent adhesion
- Moisture and frost-proof
- Indoor and outdoor use
- Easy to apply
- Excellent workability
- Water repellent
- Smooth - White surface
- Prevents cracking
- Fast to prepare
- Stable quality.

PRODUCT INFORMATION

Composition	Portland white cement (I – 52.5), white marble fine-grained aggregates, calcium hydroxide, and special additives
Colour	Off-white powder <i>(Color tone variations may occur between batches, as the raw materials include crushed white Dionyssos marble aggregates, which naturally shows fluctuations in shade)</i>
Packaging	<ul style="list-style-type: none"> • 25 kg paper bag - 1500 kg pallet (60 paper bags) • 1000 kg Big Bag • In silos with a capacity of 12 – 18 – 22 m³ with special application machines
Storage Conditions	In the original, closed, sealed and indestructible packaging, protected from direct sunlight and frost and at temperatures from +5°C to +35°C
Lifetime	12 months from the date of production in unopened package

TECHNICAL CHARACTERISTICS

Grading	0 – 1.2 mm	
Specific gravity of wet mortar	1700 Kg/m ³	
Compressive strength in 28 days	6 MPa (CSIII)	(EN 1015-11)
Flexural strength in 28 days	1.5 MPa	(EN 1015-11)
Water absorption:	0.14 kg /m ² .min ^{0.5} (Class W _c 2)	(EN 1015-18)

APPLICATION INFORMATION

Substrate temperature	+5°C / +35°C
Environmental temperature	+5°C / +35°C
Mixing ratio	5 – 6 lt of water /bag of 25 kg
Consumption	Approx. 6 - 7 kg of mortar per m ² for a layer with 0.5 cm thickness

DIRECTIONS OF USE

SUBSTRATE PREPARATION

Apply it after the SV2 (or TL2) base-coat plaster, once this is completely dry (15 - 20 days in summer, more than 1 month in winter).

Check and prepare the application surface. Make sure that the surface is clean and saturate it with water

MIXING

Mix by hand or using special machines (mixers - pumps) supplied by MARMOLINE, which make work simpler and faster

If you want to give colour to the product, use the natural pigments MARMOLINE POWDER COLOUR, following their instructions.

APPLICATION

- Apply in one coat, approximately 0.5 cm thick. Distribute the wet mortar uniformly on the wall using a lath
- Leave the wet mortar to set and then, for the finishing touch, float the surface with a large hard sponge or with a piece of EPS
- In the next 2 – 3 days, especially in summer period, it is recommended to saturate the surface regularly, in order to avoid possible cracks
- On uniform surfaces the work should not be interrupted, in order to avoid colour shadows

TOOLS CLEANING

Fresh/wet material should be removed immediately from the application equipment with water. Hardened/cured material can only be removed mechanically.

In case you use a pump, the hoses must be cleaned well after the end of the work.

IMPORTANT NOTES

- Do not add excessive quantity of water for it may cause cracks and reduced strength
- Do not mix the material for too long. Use it within half an hour
- It is not recommended to use it in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C

HEALTH, SAFETY & ENVIRONMENTAL PROTECTION

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website <https://marmoline.gr/> or upon request.


LEGAL NOTICE

We guarantee the quality of all our products, based on their technical specifications, as described in the Declaration of Performance (CE) and this Technical Data Sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depends on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project.

All data stated in this Technical Data Sheet are based on laboratory tests. The really measurable data might differentiate due to conditions that do not are subject to our control. The recommendations and implementation instructions must be considered by the user as indicative, and always with given that the product has been traded and traded and stored according to its instructions.

As it is not possible to control the parameters / conditions of its application product in practice, no guarantee is provided for the final result of each application. Consequently, no legal liability of the Company can be established based on the information and instruction given in this Technical Data Sheet.

The Company reserves the right to modify data listed in this Product Data Sheet, with no previous warning. Users must refer to the latest version of the product Technical Data Sheet.

 12 DoP: 028 Marmo-CPR	
NORDIA A.E. 364 Kifissias Av., 15233 Chalandri, Athens, Greece	
EN 998-1:2016 MARMOLINE DECOR SV 010 General purpose rendering/plastering mortar for external use (GP/CSIII/Wc2)	
Reaction to fire:	Class A1
Capillary water absorption :	Wc2
Water vapour diffusion coefficient:	$\mu = 5/20$
Adhesion after weathering cycles :	$\geq 0.3 \text{ N/mm}^2 \text{ (FP}_s)$
Thermal conductivity: (tab. mean value; P= 50%)	$(\lambda_{10,dry}) 0.58 \text{ W/mK}$
Dangerous substances:	See product's SDS
Durability:	NPD