

## SV 3

### MARBLE –BASED WHITE FINISH-COAT PLASTER

*Smooth finish.*

**Description :** Ready industrial mortar based on high-strength Portland white cement (I – 52.5), white marble aggregates, calcium hydroxide and special additives to improve adhesion. Mix only with water. It minimizes material preparation time.

**Usages :** Use it when applying the three-coat technique, as finish-coat plaster (marble based), on exterior and interior surfaces previously roughcasted with SV 2 base-coat plaster. Due to its fine granulometry (< 1.2 mm) 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.



**Advantages:** • High strength • Excellent adhesion • Moisture and frost-proof • Indoor and outdoor use • Easy to apply • Excellent workability • Low permeability • Smooth - White surface • Prevents cracking • Fast to prepare • Stable quality

**Packaging /distribution :** Bags of 25 kg - Palette of 1500 kg (60 paper bags)  
Big -bags of 1000 kg.  
In bulk in a silo with a capacity of 12 - 18 - 22 m<sup>3</sup>


**Storage:** 12 months from the date of production in unopened package, in a dry place.

**Safety precautions :** This product contains cement and reacts as alkaline with moisture, so it is classified as irritant. It must be used with care according to the instructions for use. In order to avoid any injuries due to alkalis of the cement, wear gloves, protective glasses and avoid breathing the dust. Please consult the SDS of the product.

**Specifications :** EN 998-1 (GP/CSII/Wc1)

## TECHNICAL DATA:

<b>Grading :</b>	0-1,2 mm
<b>Specific gravity of wet mortar:</b>	1900 Kg/m <sup>3</sup>
<b>Compressive strength in 28 days:</b>	4.0 MPa (Class CSII) (EN 1015-11)
<b>Flexural strength in 28 days:</b>	1.0 MPa. (EN 1015-11)
<b>Water absorption:</b>	<0.4 kg /m <sup>2</sup> .min <sup>0.5</sup> (W <sub>c1</sub> ) (EN 1015-18)

 12 DoP: 027 MARMO-CPR
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 998-1:2016 MARMOLINE SV 3 General purpose plaster for internal or external use (GP/CSII/W <sub>c1</sub> )`
Reaction to fire: <i>Class A1</i> Water absorption: <i>W<sub>c1</sub></i> Water vapour diffusion coef.: $\mu = 5$ Adhesion: $\geq 0.6 \text{ N/mm}^2$ (FPb) Thermal conductivity/density: ( $\lambda_{10,dry}$ ) 0.61 W/mK (tab. mean value; P= 50%) Dangerous substances: See product's SDS Durability (against freeze/thaw, in the intended place of use): EPD

## APPLICATION:

<b>Mixing ratio:</b>	5.3 – 6 lt of water /bag of 25 kg.
<b>Consumption:</b>	Approx. 7 kg of mortar per m <sup>2</sup> for a layer with 0.5 cm thickness

- Application mode:**
- Apply it after SV 2 (or TL 2) 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
  - Mix by hand or using special machines (mixers - pumps) supplied by MARMOLINE, which make work simpler and faster
  - 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
  - Setting time depends on season (temperature and humidity). In winter this can be over an hour, while in summer it can be less than half an hour. Therefore, depending on the season, the crew must make different arrangements
  - In the next 2 – 3 days, especially in summer period, it is recommended to saturate the surface regularly, in order to avoid possible cracks

ΠΡΟΣΟΧΗ:

- 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
- In case you use a pump, the hoses must be cleaned well after the end of the work
- Not recommended for use in extreme weather conditions (frost or heatwave). Application temperature +5°C to +35°C

The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department

*We guarantee the quality of all our products, on the basis of 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 depend 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. This edition of technical data sheet automatically cancels any previous version*