

MONO SV 100

SINGLE LAYER WHITE PLASTER

Cost saving: single layer, final, white surface. Lightweight and water-repellent.

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. Simply mix with water. It minimizes material preparation time and increases the speed of application.

Usages:

Use it as one-coat plaster, on exterior and interior surfaces, after having applied SV1 (high-strength cement primer plaster). It replaces roughcasting and marble –based finish-coat plaster, combining both in one coat. Apply it just like render and scrub like marble–based finish-coat plaster. Due to the nature and the fine granulometry of the marble powder (< 1.2 mm), it gives a white and smooth final surface ready for scrubbing and painting. The layer thickness should not exceed 2 cm. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.



Advantages:

- High strength. • Excellent adhesion. • Moisture- and frost-proof. • Indoor and outdoor use • Easy to apply. • Excellent workability. • Increased productivity. • Reduced labour cost. • Smooth - White surface. • Fast to prepare. • Stable quality.

Packaging /distribution:

Bags of 40 kg - Palette of 1400 kg (35 paper bags)
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 m³

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 (OC/CSII/Wc1)

TECHNICAL DATA:

Grading :	0-1.2 mm
Specific gravity of wet mortar:	1650 Kg/m ³
Compressive strength in 28 days:	3.2 MPa (Class CSII) (EN 1015-11)
Flexural strength in 28 days:	0.9 MPa (EN 1015-11)
Water absorption:	≤0,40 kg /m ² .min ^{0,5} (W _{c1}) (EN 1015-18)

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NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 998-1:2016 MARMOLINE SV 100 One coat plaster for internal or external use (OC/CSII/W _{c1})
Reaction to fire: <i>Class A1</i> Water absorption: <i>W_{c1}</i> Water permeability after weathering cycles: <i>< 1 ml/cm²</i> Water vapour diffusion coef.: <i>μ = 5/20</i> Adhesion after weathering cycles: <i>≥ 0.5 N/mm² (FPa)</i> Thermal conductivity/density: <i>(λ_{10,dry}) 0.33 W/mK (tab. mean value; P= 50%)</i> Dangerous substances: <i>see product's SDS</i>

APPLICATION:

Mixing ratio:	8 – 8.5 lt of water /bag of 40 kg 5 – 5.3 lt of water /bag of 25 kg
Consumption:	Approx. 12 - 14 kg of mortar per m ² for a layer with 1 cm thickness

Application mode:

- Check the application surface so that to be clean. SV1 cement primer plaster must have been previously applied.
- Saturate the surface with water, especially in hot summer months and apply
- Mix by hand or using special machines (mixers - pumps), supplied by MARMOLINE, which make work simpler and faster
- For better results, it is recommended to attach MARMOLINE corner beads. The use of corner beads enhances application's performance, while ensuring the strength of the corners against micro-bumps, and the perfect aesthetics of the finished surface
- Avoid the use of removable metal plaster guides. Use galvanized MARMOLINE metal plaster guides. If this is not possible, you should fill well the groove, after removing the metal plaster guides, in order to avoid cracks
- Do not use other materials (such as gypsum etc.) to fix the plaster guides and the corner beads
- Apply with the special machine (pump). In small surfaces, you can apply the mix by hand, using a trowel
- Apply in one coat, up to 2.0 cm thick. For thicker layers, it is recommended to fill with SV2 base coat plaster.
- On the joints of different structural elements, on the insulators and anywhere else needed, fix the MARMOLINE fibreglass mesh. It is extremely important for the proper function of the fibreglass mesh to place it to a depth of 0.5 cm from the exterior surface of the plaster.
- On surfaces covered with insulation boards (EPS-XPS), in order to avoid cracks you must cover them with an appropriate MARMOLINE fibreglass mesh, in combination with the polymer modified adhesive MARMOLINE FK 202. In this case, SV100 plaster should be applied at least 15 days after the FK 202 application
- Leave the wet mortar to set and smooth out any existing flaws with a large metal spatula
- Moisten slightly the surface with water and float by means of an EPS or a rough sponge to obtain a surface ready for putting and painting
- For the next two to three days, especially during summer, we recommend frequent sprinkling of the plaster, with water, to eliminate the possibility of cracking
- The setting time depends on the season (temperature and humidity). In winter, such time can be over 2 hours, while in warm summer period it can be less than an hour.
- As with all plasters, we recommend that you verify the applied material is thoroughly dry before painting the surface

ATTENTION:

- 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

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