

SV 1

HIGH-STRENGTH SPRAYED CEMENT PRIMER PLASTER


1st coat of primer plaster for all plastering applications

- Description :** Ready industrial mortar based on Portland grey cement, white marble aggregates, calcium hydroxide, and special additives to improve adhesion to difficult surfaces. Simply mix with water. It minimizes material preparation time.
- Usages:** Use it as a first coat plaster (sprayed or spattered) in all plastering techniques and methods, in order to prepare the substrate for the application of the next coats of plasters. Suitable for both interior and exterior surfaces. Apply it on bricks, cement blocks, aerated concrete elements (like YTONG etc.), concrete surfaces (pillars - ceilings - beams, etc.), stone, thermal insulation boards, and other materials. In cases of very difficult surfaces, such as fair-face concrete, it is required to add the MARMOLINE MP 20 acrylic dispersion.
- Advantages:**
 - High strength
 - Excellent adhesion
 - Moisture- and frost-proof
 - Indoor and outdoor use
 - Easy to apply
 - Excellent workability
 - Fast to prepare
 - Stable quality.
- Packaging /distribution :**
 - Bags of 40 kg.
 - Palette of 1400 kg, 35 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 (GP/CSIV)**



TECHNICAL DATA:

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| Grading : | 0-4 mm |
| Specific gravity of wet mortar: | 1980 Kg/m ³ |
| Compressive strength in 28 days: | 8 MPa (class CSIV) (EN 1015-11) |
| Flexural strength in 28 days: | 2 MPa (EN 1015-11) |

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|  12 DoP: 025 MARMO-CPR |
| NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece |
| EN 998-1:2016 MARMOLINE SV 1 General purpose cement plaster for internal or external use (GP/CSIV) |
| Reaction to fire: <i>Class A1</i> Water absorption: <i>Wc0</i> Water vapour diffusion coef.: $\mu = 18$ Adhesion: $\geq 0.6 \text{ N/mm}^2$ (FPa/b) Thermal conductivity/density: ($\lambda_{10,dry}$) <i>0.65 W/mK (tab. mean value; P= 50%)</i> Dangerous substances: <i>see product's SDS</i> Durability (against freeze/thaw, in the intended place of use): <i>NPD</i> |

APPLICATION:

Mixing ratio: 6 - 7 lt of water /bag of 40 kg.

Consumption: Approx. 6 - 8 kg of mortar per m² for a layer with 0.5 cm thickness

Application mode:

- Check and prepare the application surface. Make sure that the surface is clean and saturate it with water.
- For better results in the subsequent coats of plaster, it is recommended to apply MARMOLINE metal guides and corner beads.
- Mix by hand or using special machines (mixers - pumps) supplied by MARMOLINE, which make work simpler and faster
- Add water, depending on the desirable fluidity of the mix
- For even better adhesion on difficult surfaces, MARMOLINE MP 20 acrylic dispersion can be added to the water, in a ratio 1:3 (MP20:water)
- Apply the mix evenly on the surface, using a trowel or a machine, at a thickness up to 1 cm
- Saturate the surface at the same day and repeat it periodically for the next 2 – 3 days, depending on weather and temperatures.

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
- Do not apply at a thickness greater than that proposed.
- It is recommended to saturate the plastered surfaces with water, before and after application, especially in summer months
- In case you use a pump, the hoses must be cleaned well after the end of the work
- It is not recommended to use it 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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