

## SV 2

### BASE-COAT PLASTER


*Base coat plaster for guides and filling operations.*

- Description :** Ready industrial mortar based on Portland grey cement, white marble aggregates, calcium hydroxide, and special additives to improve adhesion on difficult surfaces. Simply mix with water. It minimizes material preparation time.
- Usages :** Use it as base coat plaster (roughcast), on exterior and interior surfaces, when applying the three-coat technique, to smooth out the surface in order to apply a finish-coat plaster. Use it also to form mortar application guides. You can apply it on bricks, cement blocks, aerated concrete elements, concrete surfaces (pillars - ceilings - bind-beams, etc.), stone, thermal insulation boards and other materials, provided that SV 1 primer plaster has been previously applied. In special cases, the product can be reinforced by adding MARMOLINE MP 20 acrylic dispersion.
- Advantages:**
- High strength
  - Excellent adhesion
  - Moisture and frost-proof
  - Prevents cracking
  - Indoor and outdoor use
  - Easy to apply
  - Excellent workability
  - 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)**



**TECHNICAL DATA:**

<b>Grading :</b>	0 - 4 mm
<b>Colour:</b>	Grey
<b>Specific gravity of wet mortar:</b>	1960 Kg/m <sup>3</sup>
<b>Compressive strength in 28 days:</b>	2.6 MPa (Class CSII) (EN 1015-11)
<b>Flexural strength in 28 days:</b>	0.8 MPa (EN 1015-11)
<b>Shrinkage:</b>	< 0.9 mm

 12 DoP: 026 MARMO-CPR
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 998-1:2016 MARMOLINE SV 2 General Purpose cement plaster for internal or external use (GP/CSII)
Reaction to fire: <i>Class A1</i> Water absorption: <i>W:0</i> Water vapour diffusion coef.: $\mu = 10/20$ Adhesion: $\geq 0.25 \text{ N/mm}^2 \text{ (FPa)}$ Thermal conductivity/density: $(\lambda_{10,dry}) 0.58 \text{ W/mK}$ (tab. mean value; P= 50%) Dangerous substances: <i>see product's SDS</i> Durability (against freeze/thaw, in the intended place of use): <i>Evaluated as excellent, after laboratory and field tests</i>

**APPLICATION:**

<b>Mixing ratio:</b>	4.4 – 5 lt of water / 25 kg bag
<b>Consumption:</b>	Approx. 16 kg of mortar per m <sup>2</sup> for a layer with 1 cm thickness

**Application mode:**

- Check and prepare the application surface. Make sure that the surface is clean and check whether SV 1 primer plaster has been previously applied.
- Saturate the application surface with water, especially in summer months
- Mix by hand or using special machines (mixers - pumps), supplied by MARMOLINE, which make work simpler and faster
- Attach MARMOLINE corner beads. DO NOT USE other material, such as gypsum etc., for fastening them on the wall
- Apply a layer up to 2.5 cm thick and distribute the wet mortar uniformly on the wall using a lath. If you want thicker layer, it is recommended to apply not more than two consecutive coats of 1 - 2 cm each.
- The time between the two consecutive coats can vary from 2 to 10 days, depending on the season, so that the material of the previous coat is completely dry
- It is recommended to roughen the first coat surface with a notched trowel in order to ensure the appropriate adhesion of the second one. In addition, before applying the second coat, saturate the surface for the same purpose
- On the brick - concrete elements joints, on the lintels and on the channels of hydraulic and electrical installation, it is necessary to use MARMOLINE fiberglass mesh. Make sure that the fiberglass is fully covered by the SV2 layer
- Avoid the use of removable metal guides. Use the galvanized MARMOLINE metal plaster guides. If this is not possible, fill well the channel that is left after removing the guides, in order to avoid cracks.
- On surfaces covered with insulation boards (EPS-XPS), in order to avoid cracks you must cover them with an appropriate MARMOLINE fiberglass mesh, in combination with the polymer modified adhesive MARMOLINE FK 202. In this case, SV2 plaster should be applied at least 15 days after the FK 202 application.
- The setting time depends on the season (temperature and humidity). In winter it can be over 1 hour, while in summer it can be less than half an hour. Therefore, depending on the season, the crew must make different arrangements
- It is recommended to regularly saturate the finished surface, especially during summer months.

**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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