

## SV 103

### SINGLE LAYER WHITE REPAIR PLASTER

*Safe and economic repair in one coat*

**Description :** Ready, white mortar of single layer repair plaster, based on Portland white cement, calcium hydroxide, aggregates of selected granulometry and special additives to ensure strong adhesion to the substrate and high mechanical strength.

**Usages:** Use it to repair and restore worn parts of plaster, in old and new structures, on exterior and interior surfaces of buildings. For repair and restoration works on parts of plaster.

Ideal for the repair of corners, and as restoration coating in cases of removal of the traditional marble sand plaster, when affected by frost.

Due to its special composition, it is an indispensable tool for both professionals (house painters - electricians - aluminium technicians - plumbers) and consumers.



**Advantages:** Single layer plaster. • High mechanical strength. • Strong adhesion to the substrate, e.g. concrete, bricks, DOW panels, plastic or metal pipes, etc. • Excellent adhesion and cooperation with the old plaster. • It reinforces the masonry around the application area. • Easy to apply even by non-professionals. • Increased durability. • Resistance to temperature fluctuations. • Flexibility

**Packaging /distribution:** Bags of 25 kg.  
Palette of 1350 kg, 54 paper bags


**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 (R/CSII)

**TECHNICAL DATA:**

<b>Grading :</b>	0-1.2 mm
<b>Specific gravity of wet mortar:</b>	1630 Kg/m <sup>3</sup>
<b>Compressive strength in 28 days:</b>	3.0 MPa (κατηγορία CSII) (EN 1015-11)
<b>Flexural strength in 28 days:</b>	1.2 MPa (EN 1015-11)

 13 DoP: 067 MARMO-CPR
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 998-1:2016 MARMOLINE SV 103 Renovating mortar (R/CSII)
Reaction to fire: <i>Class A1</i> Water absorption: <i>&gt;0.3kg/m<sup>2</sup> after 24 h</i> Water vapour permeability: <i>μ = 11</i> Adhesion: <i>0.6 N/mm<sup>2</sup> (FPb)</i> Thermal conductivity/density: <i>(λ<sub>10, dry</sub>) 0.37 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:**

<b>Mixing ratio:</b>	5 – 5.5 lt of water /bag of 25 kg
<b>Consumption:</b>	Approx. 12 - 14 kg of mortar per m <sup>2</sup> for a layer with 1 cm thickness

**Application mode:**

- Check and prepare the application surface. Using hard brush and water, thoroughly clean the loose particles, dust etc.
- If the cleaning of the old plaster reaches such a depth that the brick or concrete surface is exposed, then the primer plaster MARMOLINE SV1 must be applied before applying the repair plaster SV 103. The surface must be thoroughly cleaned and, if necessary, repaired. For better adhesion of the primer plaster SV1, MARMOLINE MP 20 acrylic dispersion may be added to the mixing water in a ratio of 1:3 (MP20: water).
- Mix SV 103 by hand or in a cement mixer, with the appropriate quantity of water.
- Saturate the surface with water.
- Apply by hand or using a trowel, in one coat up to 2.0 cm thick
- Use the MARMOLINE fibreglass mesh for the joints of different structural elements, on the insulation panels and anywhere else needed
- For difficult repairs and to further improve adhesion and flexibility properties, it is recommended to add to the mixing water the acrylic dispersion MARMOLINE MP 20 in a ratio of 1:3 (MP20: water).
- Once applied, it delivers a surface ready for puttying and painting.

**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

*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 not 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*