

BP 115

ONE COAT WHITE PLASTER

Final white surface in only one coat.

Description : Ready industrial mortar based on high-strength Portland white cement (I-52.5), aggregates of selected granulometry, 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 as one-coat plaster on exterior and interior surfaces after SV 1 high-strength sprayed cement primer plaster. It replaces roughcasting and marble based finish-coat plaster, combining both in one coat. Apply just like render and scrub like marble based finish-coat plaster. Due to the nature and the fine granulometry of aggregate material (≤ 2 mm), it gives a smooth final surface ready for scrubbing and painting. 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 surface.
- 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 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/W_c2)

TECHNICAL DATA:

Grading :	0-2 mm
Specific gravity of wet mortar:	1650 Kg/m ³
Compressive strength in 28 days:	3.0 MPa (Class CSII) (EN 1015-11)
Flexural strength in 28 days:	1.0 MPa. (EN 1015-11)
Water absorption:	<0,15 kg /m ² .min ^{0.5} (W _c 2) (EN 1015-18)

 12 DoP: 020 MARMO-CPR
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 998-1:2016 MARMOLINE BP 115 One coat white plaster for internal or external use (OC/CSII/W _c 2)
Reaction to fire: <i>Class A1</i> Water absorption: <i>W_c2</i> Water permeability after weathering cycles: <i>< 1ml/cm²</i> Water vapour diffusion coef.: <i>μ = 5/20</i> Adhesion after weathering cycles: <i>0.6 N/mm² (FPc)</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:	4.4 – 4.7 lt of water /bag of 25 kg
Consumption:	Approx. 13 kg of mortar per m ² of 1 cm thick plaster.

Application mode:

- Check and prepare the application surface by applying SV 1 sprayed primer plaster
- The surface to be plastered should first be thoroughly wetted with water, especially during the summer months
- 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, by using galvanized MARMOLINE metal plaster guides. If this is not possible, you should fill well the groove left, after removing the metal plaster guides, to avoid cracks
- Do not use other materials (such as gypsum etc.) to fix the plaster guides and the corner beads
- Mix by hand or using special machines (mixers - pumps), supplied by MARMOLINE, which make work simpler and faster
- The water supply should be adjusted at 500-600 lt/hr, depending on the ambient conditions. For application by hand you will need about 4.4 -4.7 liters of water for a 25 kg bag
- Apply in one coat, up to 2.0 cm thick.
- 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 with insulators such as expanded or extruded polystyrene, the recommended maximum thickness should not exceed 2 cm combined with the FK 202 fibre-reinforced plaster and the MARMOLINE special fibreglass mesh. The BP 115 layer follows the application of FK 202 (see its technical data sheet). Depending on the time period and the environmental temperature, the application of BP 115 must be made at least 8 days later (in summer time) and at least 15 days later (in winter time, and without having rained).
- Leave the wet mortar to set and smooth the surface with a large metal spatula to smooth out the existing flaws
- Sprinkle the surface with water and scrub by means of an EPS or a rough sponge, to obtain a surface ready for puttying 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) and the layer thickness. It is usually 1 – 2 hours.

- 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

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