

DECOR SV 010

WHITE WATER-REPELLENT RENDER FOR EXTERIOR USE

Finish coat for water repellency

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 and achieve water repellency. Mix only with water. It minimizes material preparation time and increases the speed of application. It is particularly resistant to moisture, snow and frost.

Usages: Use it when applying the three-coat technique, as finish-coat plaster (marble based) on exterior surfaces previously roughcasted with SV2 base-coat plaster. Also used as a finish coat on the external wall insulation systems in combination with the fibre reinforced adhesive FK 202. Ideal in case where additional protection from humidity is needed (seafront houses, islands, mountainous areas, etc.). Due to its fine granulometry (<1.2mm) and to the physical characteristics of marble powder, it gives a white and smooth final surface ready for scrubbing and painting. In special cases, the product can be reinforced with MARMOLINE MP 20 acrylic dispersion.



Advantages:

- High strength
- Excellent adhesion
- Moisture and frost-proof
- Indoor and outdoor use
- Easy to apply
- Excellent workability
- Water repellent
- Smooth - White surface
- Prevent,2s cracking
- 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 (GP/CSIII/ W_c2)

TECHNICAL DATA:

Grading :	0-1.2 mm
Specific gravity of wet mortar:	1700 Kg/m ³
Compressive strength in 28 days:	6.0 MPa (Class CSIII) (EN 1015-11)
Flexural strength in 28 days:	1.5 MPa (EN 1015-11)
Water absorption:	0.14 kg /m ² .min ^{0.5} (Class W _c 2) (EN 1015-18)

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EN 998-1:2016 MARMOLINE DECOR SV 010 General purpose rendering/plastering mortar for external use (GP/CSIII/W _c 2)
Reaction to fire: <i>Class A1</i> Water absorption: <i>W_c2</i> Water vapour diffusion coef.: $\mu=5/20$ Adhesion: $\geq 0.3 \text{ N/mm}^2$ (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:

Mixing ratio: 5 – 6 lt of water /bag of 25 kg

Consumption: Approx. 6 - 7 kg of mortar per m² for a layer with 0.5 cm thickness

Application mode:

- Apply it after the SV2 (or TL2) base-coat plaster, once this is completely dry (15 - 20 days in summer, more than 1 month in winter).
- Check and prepare the application surface. Make sure that the surface is clean and saturate it with water
- Mix by hand or using special machines (mixers - pumps), supplied by MARMOLINE, which make work simpler and faster
- If you want to give colour to the product, use the natural pigments MARMOLINE POWDER COLOUR, following their instructions.
- Apply in one coat, approximately 0.5 cm thick. Distribute the wet mortar uniformly on the wall using a lath
- Leave the wet mortar to set and then, for the finishing touch, float the surface with a large hard sponge or with a piece of EPS
- In the next 2 – 3 days, especially in summer period, it is recommended to saturate the surface regularly, in order to avoid possible cracks
- On uniform surfaces the work should not be interrupted, in order to avoid colour shadows

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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