

# MARMO D'AUTORE

DECORATIVE MINERAL COATING FOR OUTDOOR AND INDOOR USE

Series 961

## DESCRIPTION

MARMO D'AUTORE is a decorative wall coating for exteriors and interiors, based on a mineral binder and selected powders of colored marble. It has a smooth and semi-matt appearance, marked by a particular dotted texture with shades of color: yellow parchment for Botticino, red for Ruby, green for Emerald.

MARMO D'AUTORE realizes various decorative effects according to the application technique, the skill and imagination of the decorator.

MARMO D'AUTORE has excellent breathability and is particularly suitable for restoration works, even of particular historical and artistic interest.

## INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Old paints and wall coatings that are mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

## TECHNICAL SPECIFICATIONS

- Type of binder: air-hardening lime
- Indoor Air Quality Classification: A+
- Solvent: water
- Maximum granulometry of quartz: 0.7 mm
- Viscosity: paste
- Water permeability per UNI EN 1062-3: medium,  $w=0,20 \text{ kg/m}^2\text{h}^{0,5}$
- Water vapor permeability per UNI EN ISO 7783-2: high,  $S_d=0,08$  thickness of 0,7 mm
- Resolution of volatile organic compounds (VOC) ISO 11890-2:2013: 0.1 g/l
- Resolution of free Formaldehyde EPA 8315A:1996: 2 mg/kg
- Classification of reaction to fire EN13501-1: Class A2 s1 d0

Referred to a consumption not exceeding that indicated, and to an application on a non-combustible surface.

- Drying times (at 25 C and 65% R.H.): touch dry in 2-3 hours; coatability after 12 hours (depending on the thickness applied).

## PREPARING THE SURFACE

Plaster surfaces:

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.
- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of

lime-based or tempera paints.

- Remove any dust, smog or other deposits by brushing.
- Cracks both indoors and out must be suitably widened and filled with filler or similar products.
- Smooth if necessary with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.
- Only in the case of particularly flaky surfaces apply ATOMO 8840001 micronized solvent-free fixative.
- If the substrate is not homogeneous, with presence of old paints, fillers, patches, to level the surface applying a priming coat of MARCOSIL GRIP 9310019 or MARCOTHERM PRIMER 4740019.
- Proceed with the application of MARMO D'AUTORE according to the procedures described under "Application instruction".

## APPLICATION INSTRUCTIONS

- Since the drying and carbonation of MARMO D'AUTORE, like all lime products, are highly susceptible to the temperature and humidity levels, it is advisable to apply the product when temperatures are in the range +10 °C to +35 °C and the relative humidity of the air <75%.
- Avoid applying the product in direct sunlight.
- Following the application, exterior surfaces must be protected from rain and damp until the product is completely dry, which normally occurs (at 20 C) after approx. 72 hours.
- The exposure to the atmospheric agents, rain, high humidity, lowland temperature acclimatizes them, of the surfaces with lime finishes, can generate phenomena of whitening finishes during the carbonatization process. Such phenomenon can turn out irreversible in particularly extreme conditions.
- If the surface does not require the fixative, it is nonetheless recommended to dampen it to prevent the wall from drawing an excessive amount of water from the binder.
- Tools: stainless steel / plastic trowel, sponge.
- N. coats: at least 2 coats of product must be applied to prepare the undercoat.
- Thinning: ready to be used.
- Being mineral based product, MARMO D'AUTORE can increase the viscosity during the storage; to get the original appearance is enough to stir it with a mechanical instrument, eventually adding 1% max. of water.

Application procedure:

- \* To obtain the "marble-type" finish:
  - Tools: stainless steel or plastic trowel.
  - Fill and level in order to provide an even surface;
  - After 12 hours, apply an additional coat of product to obtain a suitable thickness;
  - As soon as the product applied starts to stretch, apply small amounts of material, wet on wet, compressing the surfaces and compacting them in order to fill any points of porosity.
  - Once finished, proceed with polishing.
- \* To obtain the coloured roughcast finish:
  - Tools: stainless steel/plastic trowel and sponge plastering

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trowel for finish.

- Fill and level in order to provide an even surface;
  - After 4-5 hours, apply an additional coat of product to obtain a suitable thickness;
  - As soon as the product applied starts to stretch, commence finishing using the sponge trowel (do not wet the surfaces being worked on).
  - When brushing on, thin the product with water at 10%.
- Tools should be cleaned immediately after use with water.  
- Indicative spreading rate: 1.2-1.5 kg/m<sup>2</sup> based on 2 coats on smooth surfaces featuring average absorption. It is advisable to determine the actual spreading rate by performing a preliminary test on the specific surface.

## TINTING

The product is available in Botticino (0000) Rubino (0001) Smeraldo (0002).

When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

EU limit value (Dir. 2004/42/EC)

Cat. A/l: decorative effect coatings (water-base): 200 g/l (2010)

The product contains max: 30 g/l VOC

Causes serious eye damage. Causes skin irritation.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste. Consult the safety sheet for additional information.

## SPECIFICATION ITEM

Applications, on previously prepared surfaces, of MARMO D'AUTORE mineral masonry covering series 961, with air-hardening lime base, with the application of at least 2 coats, characterized by an a water vapour permeability UNI EN ISO 7783-2 high and water permeability UNI EN 1062-3 medium.

Supply and application of the material €. .... per m<sup>2</sup>.

*SAN MARCO GROUP guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.*

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