

MARMORINO FINE

FINE MATT MINERAL DECORATIVE COATING FOR INTERIOR AND EXTERIOR USE

series 963

DESCRIPTION

A lime-based decorative coating, it creates finishes that recall the elegant and functional appearance of marble, giving natural textures with more or less evident colour nuances, depending on the process, and a compact and very resistant appearance that is smooth, opaque and soft to the touch.

Thanks to its mineral composition, the durable and protective MARMORINO FINE maintains the correct breathability of the wall and inhibits the formation of mould, helping to improve living comfort. Resistant to the attack of atmospheric agents and highly breathable, MARMORINO FINE is suitable for restoration work, even on buildings 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.

- It is not recommended for use on outdoor concrete surfaces since, due to its high permeability, the product has no protective powers against the aggression of carbon dioxides, the leading cause of concrete degradation.

TECHNICAL SPECIFICATIONS

- Type of binder: air-hardening lime
- Indoor Air Quality Classification: A+
- Solvent: water
- Maximum granulometry of marble: 0.5 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, $S_d \leq 0,1$ thickness of 0,7 mm
- 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 3 hours; coatability after 6 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 BETOMARC FIT 9740150 or with RASAMIX FIT 9670160 or MARCOPRO 9750019 - 9750010 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 MARMORINO FINE according to the procedures described under "Application instruction".

APPLICATION INSTRUCTIONS

- Since the drying and carbonation of MARMORINO FINE, 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 or plastic trowel.

- N. coats: at least 2 coats of product must be applied to prepare the undercoat.

- Thinning: ready to be used.

- Being mineral based product, MARMORINO FINE 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.

- Tools should be cleaned immediately after use with water.

- Indicative spreading rate: 0,8-1 kg/m² 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.

"Natural Effect" application methods:

Apply an even layer of MARMORINO FINE with a steel trowel, depositing a thickness useful to achieve the effect. When the surface is dry, add a second layer of product with a steel trowel, covering the first layer completely. When the product is in the drying phase, compact it with a steel or plastic trowel until the desired degree of finish is achieved.

"Textured effect" application methods:

Apply one layer of MARMORINO FINE with a steel trowel, spreading it with uneven thickness, creating some slight ridges, useful to reach the final effect. When the surface is dry, add a second layer of product with a steel trowel, covering the first layer completely. When the product is drying, compact with a steel or plastic trowel until the desired degree of finish is achieved.

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TINTING

Colors are obtainable via the color matching system and using COLORADO series 548 colorants alkali resistant.

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

For outdoor tasks it is a good rule of thumb to always use material from the same batch, from corner to corner. For tasks where it is unavoidable to continue on a wall with a different batch, do not place the batches contiguously. For the transition point, use any interruptions in the continuity of the surface: moldings, corners, cables, etc.

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: 1 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

Fine matt mineral decorative coating

Applications, on previously prepared surfaces, of MARMORINO FINE masonry covering series 963, 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 m2.

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