MARMORINO CLASSICO

TROWELLED DECORATIVE INDOOR-OUTDOOR MINERAL BASED COAT

series 947

DESCRIPTION

MARMORINO CLASSICO is a masonry covering for exteriors and interiors, with a mineral binder base, which enables a finish to be obtained which closely resembles that of the antique plastering to be found in the buildings in Venice.

The product appears different each time it is applied, characterized by tones and chromatic effects which depend on the skill and characteristics of the decorator.

MARMORINO CLASSICO creates a rather thick coat offering outdoor resistance and featuring a high level of permeability.

The product proves particularly suitable for restoration work, even for 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.
- To improve the adhesion of the MARMORINO CLASSICO on old synthetic paint is appropriate to apply one coat of MARCOSIL GRIP 9310019.
- 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 quartz: 0.7 mm
- Viscosity: paste
- Water permeability per UNI EN 1062-3: medium, w=0,20 kg/m²h^0,5
- Water vapor permeability per UNI EN ISO 7783-2: high, Sd=0,08 thickness of 0,7 mm
- 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 MARMORINO CLASSICO according to the procedures described under "Application instruction".

APPLICATION INSTRUCTIONS

- Since the drying and carbonation of MARMORINO CLASSICO, 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, brush.
- 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 CLASSICO 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:

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SISTEMI VERNICIANTI PER L'EDILIZIA

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- Tools: stainless steel/plastic trowel and sponge plastering 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: 2.5-3 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.

TINTING

Colors are obtainable via the Marcromie 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: 200 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 MARMORINO CLASSICO mineral masonry covering series 947, 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.