



MARMORINO

SMOOTH AND SEMI-SMOOTH LIME-BASED FINISH

Description

MARMORINO is a natural and ecological wall covering prepared with aged slaked lime mixed with marble powders, it is suitable for decorative work and the protection of internal and external wall surfaces of both new and old buildings. It is used in decorative work and as a plaster finish. When the product is applied in such a way as to imitate the material and the glossy finish of marble, the product is called stucco.

Characteristics

Easy to apply, it has excellent filling power and has a natural resistance to mould and bacterial attack. It remains perfectly stable over time and it bonds completely with the wall surface on which it is applied, maintaining the natural breathability of the wall structure. The product has a very low content of volatile organic compounds VOC.

Composition

Slaked lime aged for six months and filtered. Natural earth colours, selected marble powders, cellulose and latex (1,50% maximum dry residue) for a uniform mix.

Surfaces

MARMORINO must be applied on dry surfaces that have no flakiness or humidity. Please see the table below.

Preparation of surfaces

There is no need for any pre-treatment on new surfaces treated with lime. On already painted surfaces or deteriorated surfaces, it is necessary to remove the existing paint which causes problems of adhesion to the surface, fill any cracks with putty and apply a coat of fixer (**Isoquarz IS /0255 or casein solution PL/1182**) To ensure uniformity of the surface. After applying the fixer, wait 24 hours before applying a first coat of Marmorino.

Preparation of the mix

The product is ready for use. Any possible presence of water on the surface is to be considered normal and should be removed prior to use.

Application

Do not apply on hot surfaces or when there is bright sunlight or on a windy day. The product is natural, so it is possible to observe variations in tonality from one batch to another. For this reason we highly recommend the use of one single production batch for the final coat. Do not apply at temperatures inferior to +5°C or superior to +35°C or with conditions of humidity >70%.

First coat

Consumption : about 1.000 - 1.200 g/m²
Apply in a uniform manner

(After 24 hours) Second coat

Consumption : about 400 - 600 g/m²
apply the second coat when the first coat is dry, taking care to apply in a uniform manner, applying pressure and brushing in a correct manner in order to obtain a smooth surface with no uneven parts.

Third coat and polishing

Consumption : about 100 - 200 g/m²
Proceed « wet on wet » when the second coat is not yet perfectly dry so that the pressure of the stainless steel spatula allows the total penetration of the mineral and inert elements in the coat already applied. During the drying phase, proceed to polish with the steel spatula in order to obtain a gloss finish.

Glossiness is obtained from the pressure between the blade of the steel spatula and the surface being treated.

Colours

MARMORINO is supplied in its base colour of white. Starting with this base colour, by adding appropriate earth colours, oxides or colouring pastes, it is possible to obtain varied colour tones. When creating these colours, before adding the colour, it is first necessary to reduce the viscosity of the product by stirring it well.

Colours such as earth colours or oxides, should be soaked in water and then filtered

if necessary. Add the colour gradually, stirring all the time until the colour is completely uniform.

Protective finish

Marseille soap PA/0605

Consumption : about 30 - 60 g/m²
Allow the surface to be treated to dry for At least 24 hours, (until completely dry) Proceed with the application of the protective finish with a steel spatula by continuing to apply " wet on wet " until the product is completely absorbed. After a further 48 hours, clean the surface dust of residual soap with a cloth.

Water bases saponified wax CE/0303

Consumption : about 10 - 14 m²/l
Allow the surface to dry for at least 24 hours (or until completely dry). Proceed to apply the wax with a steel spatula ensuring a uniform application. Before the surface is completely dry, (after about 30 minutes but no later than 2 hours, polish with a cotton cloth to obtain a gloss finish. For further information, please see the technical data sheet of the product.

Storage

The product maintains its characteristics for a period of 24 months if protected from excessive heat and cold. It should be stored in a room where the temperature must be between +5°C and + 30°C.

Health and safety regulations

Ventilate during application. Avoid contact with the skin and eyes. In the case of contact, wash immediately and abundantly with water. Keep out of the reach of children. For further information please refer to the health and safety data sheet.

Disposal

Dispose of the product according to local regulations. Empty containers must be re-cycled.

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequences of use. Our technical assistance team is available for any further information that might be required.



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New wall surfaces

Surfaces for application	Preliminary treatment
Civil plaster	No treatment
Smoothed plaster	No treatment
Medium density	One coat of Isoquarz
Plasterboard	One coat of Isoquarz
Plaster	One coat of Isoquarz

Application on old surfaces

Surface for application	Preliminary treatment
Plasterwork	Thorough brushing
Tempera surfaces	Thorough brushing
Breathable materials	Thorough brushing and a coat of Isoquarz or Casein solution
Lime-based non-treated gloss finishes	Thorough sandpapering and one coat of Isoquarz
Lime-based soap treated gloss finishes	Thorough sandpapering and one coat of Isoquarz
Lime-based wax treated gloss finishes	One coat of Isoquarz
Washable paints	One coat of Isoquarz

Technical data

Appearance	Matt
Packaging	Plastic buckets of 24 kg net weight
Tools for application	Stainless steel spatula
Specific weight	1,56 ± 0,05 kg/l
Theoretical consumption	1,50 ÷ 2,00 Kg/m ² for three coats
Granulometry curve	0,02 ÷ 0,70 mm
Thickness of covering	1,00 ÷ 1,30 mm for three coats
Surface drying period	5 hours at room temperature of 20°C
Complete drying period	48 hours at room temperature of 20°C
Stable carbonation	180 days
Second coat	6 h at room temperature of 20 °C
pH after 30 days	12,5 ± 0,2
Permeability to vapour (Sd)	Excellent
Volatile organic compounds VOC	0,28 g/l

14/02/2019

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