

Technical data sheet CL/0620



MARMORINO POLVERE DI STELLE

SMOOTH SEMI-MATT LIME BASED FINISHER



Description

MARMORINO POLVERE DI STELLE is a natural and ecological wall covering prepared with aged slaked lime mixed with marble powders. It is suitable for the decoration and protection of internal and external wall surfaces of both old and new buildings.

It is used on plastic decorations and as a finishing plaster. When the product is applied in a manner as to imitate the material and glossiness of marble, it is called stucco.

Characteristics

Easy to apply, it has an excellent filling capacity and has a natural resistance to attack by moulds and bacteria.

Perfectly stable over time, it binds completely with the wall surface on which it is applied, maintaining the natural breathability of the wall surface. The product has a very low content of volatile organic compounds (VOC).

Composition

Slaked lime aged for 6 months and filtered, natural earth colorants, selected marble powders, mica, cellulose and latex. (1,50% maximum dry residue) for a homogeneous mixture.

Surfaces

MARMORINO POLVERE DI STELLE must be applied on dry, non flaky surfaces that are exempt of salts and humidity. See table below.

Preparation of surfaces

On new surfaces prepared with lime no pre-treatment is necessary ; on already painted or deteriorated surfaces, it is necessary to remove the existing paint which presents problems of adhesion with the surface, fill any cracks with filler and apply a coat of fixer **Isoquarz IS/0255** or **Soluzione alla Caseina PL/1182** to make the surface uniform.

After having applied the fixer, wait 24 hours before applying a first coat of MARMORINO POLVERE DI STELLE.

Preparation of mixture

The product is ready to use. The presence of any surface water is considered normal and should be removed before use.

Application

Do not apply on walls that are hot, in direct sunlight or on a windy day. It is a natural product and variations in colour tone from one batch to another may be noted. For this reason we recommend the use of one production batch for the final coat. Do not apply at a temperature below +5°C or above +35°C or with a level 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, pressing and smoothing correctly in order to obtain a smooth surface without bumps.

Third coat and polishing

Consumption : about 100 - 200 g/m²

Proceed « wet on wet » when the second coat is not perfectly dry in such a way that the pressure of the steel spatula allows good penetration of the inert mineral ingredients in the layer already applied.

In the drying phase, proceed with smoothing with a steel spatula to obtain a gloss finish.

The glossiness is conferred by the pressure between the blade of the spatula and the surface.

Colours

MARMORINO POLVERE DI STELLE is supplied in white as standard.

Starting with the standard colour, by adding earth colorants, oxides or appropriate colouring pastes, various colour shades can be obtained.

Before adding the chosen colouring agent, it is necessary to diminish the viscosity of the product, stirring it with a drill or

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other appropriate tool.

If powder colorants are used (earths, oxides...) leave them to soak in water and filter the paste obtained if necessary. Add the colorant and stir until the colour is completely mixed in.

Protective finish

Sapone di Marsiglia (Soap of Marseilles) PA/0605

Consumption : about 30 - 60 g/m²

Allow the surface to be treated to dry for at least 24 hours (or until completely dry) and proceed with the application of the protection with a steel spatula, applying continuously, « wet on wet » until it is completely absorbed. After another 48 hours, polish off with a cloth, removing any traces of non-absorbed soap powder on the surface.

Cera all'acqua saponificata (Wax in soaped water) CE/0303

Consumption : about 10 - 14 m²/ lt.

Allow the surface to dry for at least 24 hours, (or until drying is complete). Proceed with the application of the wax with a steel spatula and apply in a uniform manner. Before it is completely dry (after about 30 minutes and not more than 2 hours) polish with a cotton cloth to obtain a gloss effect. Consult the technical data sheet of the product.

Storage

The product remains unaltered for a period of 24 months if protected from excessive heat and cold. Room temperature should always 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 consult the health and safety sheet.

Disposal

Dispose of the product according to local health and safety regulations. Empty containers must be recycled.

New wall surfaces

Surface of application	Preliminary treatment
Plasters	No treatment
Smoothed plasters	No treatment
Mediumdensity	A coat of Isoquarz
Plasterboard	A coat of Isoquarz
Gesso	A coat of Isoquarz

Old wall surfaces

Surface of application	Preliminary treatment
Plasteri	Thorough brushing
Temperas	Thorough brushing
Breathables	Thorough brushing and a coat of Isoquarz
Non treated lime based gloss finishes	Thorough brushing and a coat of Isoquarz
Lime based gloss finishes with soap	Thorough sanding and a coat of Isoquarz
Lime based gloss finishes with wax	Thorough sanding and a coat of Isoquarz
Washable paints	A coat of Isoquarz

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Technical data

Appearance	Matt
Packaging	Plastic buckets of 5 - 24 kg nett
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 coat	1,00 ÷ 1,30 mm for three coats
Surface drying	5 hours with a room temperature of 20°C
In-depth drying	48 hours with room temperature of 20°C
Stable carbonation	180 days
Second/further coat	6 hours with room temperature of 20 °C
pH after 30 days	12,5 ± 0,2
Permeability to vapour (Sd)	excellent
Volatile organic compounds VOC	0,28 gr/lit.

Data : 27/09/19

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