

## TECHNICAL DATA SHEET

# MARMORINO NATURALE

### CHARACTERISTICS

**Marmorino Naturale** is a traditional smooth marmorino stucco based on slaked lime and selected marble dusts. It makes it possible to achieve smooth and moderately glossy finishes with typical shadings. One of the product's distinctive characteristics is its essentially mineral composition, according to the traditional rules of preparation for smoothing exterior and interior plasters, used in the past by master artisans, with the indubitable advantages provided by the excellent breathability of the surfaces, by the resistance to the primary attack of moulds, mildew and bacteria, and by its incombustibility without contributing to the spreading of flames and the absence of harmful fumes and vapours.

The careful selection of particular additives of vegetable and mineral origin, together with new production technologies, give the product excellent workability, resistance and duration characteristics.

### COMPOSITION

Slaked, seasoned lime putty, selected marble dusts, special additives of vegetable and mineral origin.

### USES

To obtain superior exterior and interior finishes, particularly on buildings of historical-artistic interest, and for decorating new constructions with traditional aesthetic solutions.

### PREPARATION OF THE BASE

This product can be applied on new cement-lime mortars that are in good condition, already seasoned (min. 28 days), smooth and properly finished, uniformly moistened with clean water beforehand.

Apply a coat of RASANTE IMB30 if necessary.

In the case of excessively absorbent and not very coherent plasters, apply one or more coats of PRIMER MINERALE s. 103.

On walls that have obvious traces of moisture and efflorescences, use of our siloxane primer SILCOTEX "S.40" is indicated.

Application on fine lime mortar plasters, especially if supported by premixed plasters, is possible only after careful assessment of the consistency and anchoring of the same and always following treatment with PRIMER MINERALE s. 103. Consult our technical assistance department for applications on old or already painted plasters and on supports other than plaster.

### APPLICATION

Apply using a stainless steel plastering trowel, always in thin layers, in two or three coats depending on the flatness of the plaster. The last coat should always be applied with well distributed crossed strokes and then polished with a stainless plastering trowel kept constantly clean and damp. The polishing procedure should be carried out before the product is completely dry.

### CONSUMPTION

Variable depending on the support and on the number of coats applied, approximately from 1 to 1.5 Kg/sq.m.

### PACKAGING

25 Kg and 5 Kg tins.

Store in dry environments with temperatures above + 5°C.

## **IMPORTANT CAUTIONS**

All lime-based products are known to be very sensitive to the different and non-homogeneous drying conditions caused by different degrees of absorption of the support. To prevent stains, differences in uniformity and intensity of colour, especially in the case of restorations of plaster or residues of old paint, it is essential to correctly assess the characteristics of the support and to pretreat it properly. The product should be applied on seasoned plasters (min. 28 days) of verified consistency. Apply a coat of RASANTE IMB30 if necessary.

The substrate should be free of materials that can compromise the adhesion of the product (grease, paints, old synthetic paints, release agents).

For applications on **fine lime mortar based** two-coat plasters with little or no cement content and on **premixed plasters** characterised by **high porosity and very high absorption**, it is always necessary to correctly assess the characteristics of the support before starting to apply the finish.

Always keep the following in mind:

- a plaster that is too absorbent causes the finish to dry too quickly and therefore it does not anchor as well;
- a plaster with widespread micro-cracks will probably detach from the support and, in any case, the cracks will become more obvious on the mineral based finish over time.
- a plaster that crumbles easily when moistened cannot support the over-application of high anchoring finishes.
- a not very coherent fine mortar containing only lime will not support the forceful flattening action carried out by the stainless plastering trowel during the polishing operation on the mineral finish and it can detach from the underlying rough cast plaster, especially if premixed.

In light of the above, it should be ascertained whether or not the plaster is suitable for receiving certain types of finish. It is therefore advisable to perform a test on these supports by means of bush-hammering to check the anchoring of the layers and, if necessary, a preventive test application of the finish, always following treatment of the base with one or more well distributed coats of **PRIMER MINERALE s. 103** in order to consolidate as much as possible and regulate the absorption of the support.

Do not mix the product too much before use with mechanical stirrers to prevent the decrease in viscosity typical of lime putty; in the event that the product needs to be tinted, wait 24 hours if possible before applying it.

Do not apply with temperatures below + 8°C and above + 35°C, also keeping in mind the time required for setting and drying (4-6 hours on the average). Do not apply under windy or low atmospheric humidity conditions or on supports that have been heated too much by the sun. In the presence of excessive atmospheric humidity, the product remains sensitive to rain for over 48 hours; therefore properly protect the work carried out to prevent faded patches and spots.

To obtain the best application results it is essential that special care be taken as regards the uniformity of the spreading relative to both the applied thicknesses and to the smoothing and polishing methods. The final finishing coat should be applied no later than 12 hours from the laying of the previous coats. To increase the product's resistance when applied to exteriors, without decreasing breathability, one or more coats of IDROTOP – S56 (water-repellent in aqueous emulsion) or of SILATOP COAT (siloxane water-repellent specific for lime products) can be applied with a brush on the perfectly dry surface.

While IDROTOP - S56 can even be applied the next day, SILATOP COAT, if applied on interiors, can be applied after at least 4 – 5 days; if applied instead on exteriors, after at least 15 days.

The correspondence of the chart colours and the creation of colours based on samples are conditioned by the particular characteristics of the lime, which can involve even considerable differences with respect to the reference, depending on the pigments used, the seasoning of the product, the absorption of the support and the application conditions.