



## TECHNICAL INFORMATION

### STUCCO DA VINCI

#### CHARACTERISTICS

Stucco da Vinci is a decorative stucco for interiors made of slaked lime and selected inert minerals modified with vegetable and mineral origin additives, suitable for achieving brush finishes on lime-based plaster and various bases which are opportunely prepared.

Its modern production techniques and special composition guarantee: excellent workability, easy polishing, resistance, excellent ability to breathe, better colour performance with compatible pigments.

#### COMPOSITION

Slaked and lime, talcs, crystalline calcites, special vegetable and mineral additives.

#### APPLICATION

The product must be applied with a stainless-steel brush on seasoned plaster (min. 28 days) and its consistency checked. Do not apply on very absorbent surfaces without adequate humidification, excessively absorbent and non-uniform plasters, must be pre-treated with a coat of FISSATIVO MINERALE s. 103 or CRIL FIX.

The substrate must be free from material which can affect product adherence (dust, dirt, grease, paints and solvents).

For surfaces with significant traces of humidity or salt efflorescence's, it is necessary to remove the deteriorated plaster and then reapply it preferably with finishing – anti-mould products.

For application on fine mortar, new or poorly painted, flat and well-finished plasters, first sand paper and brush the surface to eliminate the extra or non-uniform grains of sand on the surface, pre-treat the base as described above, then apply Stucco Da Vinci with a stainless steel trowel, always in thin layers, in one or more coats based on the desired effect and coverage, to obtain a "puntinato" effect provided by the transparency of the surface grain, and always apply very little of the product.

The last coat must always be applied not more than 12 hours after application of the previous coats, with cross pattern and well distributed trowel strokes and later polished with a stainless-steel trowel kept constantly clean and damp. Polishing must be done before the product is completely dry.

For applications on already painted plaster, plasterboard, chipboard or multi-layer plywood panels or plaster finished walls, check the thickness of the surface and the adherence of the existing paint. Old synthetic paint with poor adherence must be removed, or at least carefully brushed with a steel brush.

Remove any powder residue and then treat with a coat of Primer WALL BASE diluted at 40% - 50% with water, then use a stainless-steel trowel to apply one coat of our product MARMORINO NATURALE.



After it is completely dry, apply a first coat of Stucco Da Vinci and when it is dry, carry on with the application of the second coat. Before the second coat of Stucco Da Vinci is completely dry, proceed with the application of the third coat, applying and removing the product until to obtain the desired drawing. Finally polish the surface, but it is not necessary to insist too much on passages.

#### YIELD

This varies based on the base and number of coats applied, generally about from 0,5 to 1Kg/sq.m.

#### PACKAGE

Tins of 20 Kg. and 5 Kg.

Keep the material in dry places with a temperature of more than + 5 °C.

#### IMPORTANT WARNINGS

For civil plaster applications using fine lime mortar with little or no cement and on premixed plasters with a high degree of porosity and very high absorption, it is always necessary to correctly evaluate the base before starting to apply the finish.

The following always needs to be taken into account:

- A plaster which is too absorbent causes the finish to dry too quickly resulting in poorer adherence;
- a plaster with micro hair cracks will probably fall off of the base and the hair cracks will become more evident in the mineral base finish over time.
- plaster which crumbles easily when wet cannot support application of a highly adherent finish;
- a fine mortar of only lime which is not very uniform will not support the energetic crushing action of the trowel during polishing of the mineral finish and may fall off of the underlying plaster, particularly if premixed.

In light of the above, a decision needs to be made whether the plaster is suitable for certain types of finish.

On this basis it is advisable to do a test application of the finish to check its adherence, always after treating the surface with one or more coats of well-distributed PRIMER MINERALE S.103 to reinforce the normal absorption of the base as much as possible.

Do not mix the products excessively before use with mechanical mixers to avoid decreasing the typical viscosity of the slaked lime, if the product is going to be coloured wait 24 hours before applying it if possible.

Do not apply with temperatures below + 5 °C taking into account the time required to take hold and dry (4-6 hours on average).

To obtain the best application results it is indispensable that the coats are uniform both in terms of applied thicknesses and application and polishing methods. When the product is perfectly dry it is possible to apply a



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coat of IDROWAX or NATURAL WAX, polish with a wool cloth to add more shine and water resistance; or to increase its clean ability, a brush coat of the water repellent product SILATOP COAT.

The correspondence of the chart colours to the production of the sample colours are affected by the particular characteristics of the lime, which may cause even significant differences compared to the reference colour, based on the pigments used, product seasoning, base absorption and application conditions.