

STORICAL MARMO OPACO

STORICAL MARMO OPACO is a biocompatible mineral Intonachino plaster finish, a ready to use paste. It consists of impalpable marble powders, chromatically selected aggregates and lime putty obtained by baking pure limestones in vertical ovens at temperatures below 900°C, classified with the CL 90-S PL mark according to UNI EN 459-1. The product is mass-coloured with light resistant inorganic pigments to perform high quality smoothing coats with special chromatic effects and compactness.

- Dehumidifying
- Environment Friendly
- Disinfectant
- Restoration
- Breathable
- Resistant
- Versatile
- Recyclable
- Healthy
- Antibacterial
- Anti-Condensing
- Anti-Mould
- Highly Adhesive
- Quick
- Reversible
- Green Building
- Pollution Resistant
- CL90



Features

STORICAL MARMO OPACO consists of marble powder, carbonated aggregates and chromatically selected quartz and, as a single binder, lime putty CL 90-S PL long cured and totally hydrated. This composition makes the finish eco-friendly, biocompatible and reversible. The absence of volatile organic compounds (VOCs) ensures the purity while the total lack of petrochemical derivative products ensures compatibility with full respect for man and the environment by eliminating Sick Building Syndrome. The totally mineral nature of STORICAL MARMO OPACO combined with a very basic pH, makes it an excellent natural protection against bacterial proliferation and the formation of superficial moulds, avoiding the formation of dangerous condensation by regulating the ambient humidity and the carbon dioxide content of environments. The TCS COLOURS are available in the fan colour guide, in white, or to the sample. Surfaces obtained with STORICAL MARMO OPACO have the compactness characteristic besides a common pin holing and veins due to the passage of the tools for the processing.

Fields of Application

STORICAL MARMO OPACO is specially designed for the execution of highest quality compact smoothing coats in the newly constructed, restoration of the existing structure and the restoration sector. It is easily workable with the traditionally used techniques in applying plaster made of lime and marble powder. It can be applied to different types of vertical and horizontal substrates, internal and external, both existing and new, such as: rustic plaster of any type and nature (lime and/or cement based) previously smoothed with the products of the TCS Smoothing Compound Line.

Application

In order to obtain excellent results, it is recommended to apply STORICAL MARMO OPACO on surfaces previously smoothed with the TCS Smoothing Compound Line products. In the case of absorbent, clean and cohesive surfaces, the application of STORICAL MARMO OPACO can take place directly without regulating primers.

Otherwise, for poorly cohesive, very absorbent or particularly uneven supports, surface treatment with KAPPASIL FONDO diluted with water up to 50% is recommended. Adequate wetting of the substrate is recommended where it is deemed necessary.

STORICAL MARMO OPACO can be applied manually in two coats. If deemed necessary, it can be mixed in the original package with a vortical whip at low speed. It is ready to use and does not require any kind of addition. The spreading will be carried out with the aid of an American steel spatula with round edges and trowel, making sure to obtain an even surface and free of imperfections. The following coats should be given after the drying of the previous one, until the desired effect is obtained. Then the spot facing and polishing operations will follow which will give the surface a compact and mirror-polished appearance.

The spreading of STORICAL MARMO OPACO on large surfaces will have to be carried out without interruptions to avoid the unaesthetic reworking of the laying. In fact, in addition to the temperature, the relative humidity also greatly influences the final result: both factors influence the drying timings by modifying the chromatic yields of the material.

Finishes

Surfaces treated with STORICAL MARMO LUSTRO will have to be suitably protected with the protective spreading of the ANTICA CERA '500 paste. In the case where STORICAL MARMO LUSTRO is laid on particularly exposed external surfaces, it is recommended to apply a waterproof protection type T1 10 or T1 10 PLUS of the TCS Protection Line.

Warnings

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place in the original sealed packages.
- Before using the product refer to the Safety Data Sheet.
- The data given correspond to the technical and application knowledge we have for proper use of the product, so it is recommended to carry out a practical test prior to in order to verify the suitability of the product for its intended use and consumption.
- Protect the surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and can not intervene directly on the construction site conditions and on the methods of work execution, the indications given are to be considered as indicative and general, and therefore not binding for the same.
- The Company reserves the right to make the changes at any time without notice when it deems necessary.
- For more information and practical product demonstrations please consult our technical service.
- Always refer to the updated versions of the technical data sheets available at www.tcs-srl.it.

Technical Data

TIPO DI PRODOTTO: Tonachino di finitura a Calce Aerea CL90-S PL UNI EN 459-1 per interni ed esterni

pH DELL'IMPASTO: > 12.5

DENSITÀ: media 1668 kg/m³ (naturale)

DENSITÀ: media 1597 kg/m³ (bianco)

RESIDUO SECCO: 75 +/- 1% in peso

VALORE LIMITE CE 2010 di VOC (cat.A/a) 30 g/l: Naturale max VOC 20 g/l

VALORE LIMITE CE 2010 di VOC (cat.A/a) 30 g/l: Bianco max VOC 28 g/l

COEFFICIENTE DI RESISTENZA ALLA DIFFUSIONE DEL VAPORE ACQUEO EN 1015-19: Sd 0,25 m

ESSICCAZIONE: a 20°C 60% U.R. al tatto 8-10 h completa 24-36 h

REAZIONE AL FUOCO EN 13501-1: classe A1

DILUIZIONE: pronto all'uso

COMPATIBILITÀ: non compatibile con altri prodotti

RESA: 1,5 kg/m² circa a due mani su supporto nuovo a civile

APPLICAZIONE: spatola in acciaio o plastica

COLORI: disponibile nei colori di mazzetta I COLORI di TCS, bianco o al campione

CONFEZIONI: secchio da 25 kg

PALLET: 36 secchi, 900 kg

CONSERVAZIONE: senza scadenza conservato nelle confezioni originali non aperte in luogo asciutto al riparo dalle fonti di calore e dal gelo

TEMPERATURA DI APPLICAZIONE: da +5°C a +32°C

CLASSIFICAZIONE REACH: Vedere SDS