

# DECOR SIL PITTURA

EXTERIOR SILICATE SMOOTH PAINT

code A420019

## DESCRIPTION

DECOR SIL PITTURA is a smooth wall paint for exteriors and interiors, formulated with a binder based on modified potassium silicate and mineral based aggregates.

These components are perfectly compatible with the nature of the wall surface.

The silicate binder based reacts chemically with the components of the plaster ensuring a perfect adhesion to the substrate; also this binder, once dried, forms a film not allowing high breathability to the support.

## INSTRUCTIONS FOR USE

Applicable on of lime based or cement base plasters. It is recommended not to use the product on base coats which are not homogeneous, or where there are old paintings of organic nature (washable paints or plastic coatings).

It is also recommended not to use the silicate on concrete substrates.

## TECHNICAL SPECIFICATIONS

Type of Binder: potassium silicate modified with acrylic dispersion

Specific gravity per UNI EN ISO 2811-1: 1,35 kg/l

Drying time (at 25 °C and 65% R.H.): to touch in 1 hour; complete after 24 hours.

## PREPARING THE SURFACE

On plastered surfaces ensure that the surface has a curing time of at least 28 days.

Check the condition of the surface: the surface must be compact, otherwise resurface or consolidate using specific products.

Remove by brushing or washing any saline efflorescence.

The old paint should be removed only if they are not perfectly adherent to the substrate.

Level the surface irregularities (holes, cracks) with plasters.

Remove any dust, smog or other deposits by brushing.

When the support surface is dry apply a coat of silicate consolidating fixative DECOR SIL PRIMER.

Apply DECOR SIL PITTURA as described in the instructions for use.

## APPLICATION INSTRUCTIONS

The product should be applied by brush or wool roller, in two times, at a distance of about 18-24 hours of each other. Dilute the product with 5-10% water.

Indicative spreading rate: 3-5 m<sup>2</sup>/l per coat, on surfaces with average porosity (it should be performed a test on the specific support to determine consumption).

Do not apply at relative humidity >80% and surface humidity >10% and environment temperatures and/or substrate below +5°C or above +35°C.

Avoid applications in the presence of condensation on the surface or in direct sunlight.

After application, exterior surfaces must be protected from rain and damp until completely dry, which normally (at 20 °C) takes 48 hours.

During the application of silicate based products it is necessary to protect surfaces made of glass, ceramics, plastics, metals and natural stones.

## TINTING

The product can be tinted with the ABCcromie tinting system using oxide-base colorants or alkaline-resistant colorants.

In the case of using multiple batches of colored product or in the case of completion of a job with a product done by tinting machine, it is advisable to mix between the different productions in order to avoid slight differences of shades on the wall.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/a: Matt coatings for interior walls and ceilings (gloss <25@60°) (water-base): 30 g/l (2010)

Cat. A/c: Coatings for exterior walls of mineral substrate (water-base): 40 g/l (2010)

The product contains max: 30 g/l VOC

Causes serious eye irritation and skin irritation.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste. Consult the safety sheet for additional information.

## SPECIFICATION ITEM

Silicate based wall paint

Applications, on already prepared exterior surfaces, of mineral based wall paint DECOR SIL PITTURA, silicate based, at least into 2 coats.

Supply and application of the material €..... per sqm.

*COLORIFICIO SAN MARCO guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.*