

Marmorino KS

Mineral lime-based finish for smoothing and finishing with a satin effect for interiors and exteriors

GENERAL FEATURES

Marmorino KS is a lime-based plaster coat for smoothing and finishing with a satin effect for interiors and exteriors; it is made of well-seasoned hydrated lime putty, fine marble powders, and rheological modifiers which guarantee a perfect workability. Marmorino KS permits to achieve "cloudy" aesthetic effects with soft and vibrant shades or totally even and uniform surfaces to remind the traditional and historical "Marmorino Veneziano". Furthermore, it is a perfect mineral undercoat plaster Era Veneziana.

USES

Marmorino KS is indicated for the decoration of valuable interior surfaces. Natural lime plasters represent Marmorino KS's most suitable substrate, since the product reacts chemically with them, building up a unique "body" able to preserve the lime coating for a longer period of time.

Following the correct instructions for the surface preparation, Marmorino KS may also be applied on:

- Lime and cement mortars
- Premixed renderings
- Pre-existing lime and gypsum plasters
- Moisture-permeable plasters
- Gypsum plasterboard

IDENTIFICATION FEATURES

Binder Nature: hydrated putty, water-based vinyl-versatic copolymers

Density:

Marmorino KS: 1,60 +/- 0,05 g/ml

Determination of volatile organic compounds (VOC) ISO 11890:2 (not diluted) < 1 g/l

PERFORMANCES

With its high steam-permeability performance, **Marmorino KS** is recommended for all those surfaces whose permeability rate has to be protected.

Gross heat of combustion (calorific value) (*) ISO 1716:2010:
1,3 MJ/kg

(*) European Class of Reaction to Fire A1

DILUTION

Marmorino KS: ready for use.

WARNINGS

Mix properly the product before tinting and applying.
Do not apply on new/fresh substrates; wait a maturation time of 4 week approx.

SUBSTRATE PREPARATION AND APPLICATION

(T=25°C, UR=60%)

(Referred to environmental conditions T=25°C, UR=60%)

The substrate must be perfectly dry, dust-free, with no humidity and salt stains. Resurface or consolidate the surface with specific products if necessary.

In case of mould, treat the surface with suitable specific products. Brush or remove any efflorescence and old peeling paint. Higher layers of old lime-based paint and tempera paint must be removed. Brush out dust, smog or other deposits before the application.

In case of non-homogeneous or chalky surfaces, apply one layer of **Decofix** (micronized wall sealer) diluted, with a brush.

Over dry and compact substrates, apply one layer of **Novaprimer** (water-based acrylic pigmented primer), diluted, with a brush.

ON complete dry surface, apply one coat of **Marmorino KS** with a stainless steel trowel smoothing the whole surface and before it dries out completely, work gently the surface with a sponge trowel, wet. Remove any imperfections and/or any exceeding amount of product.

Once the surface is complete dry, apply a second layer of Marmorino KS with a stainless steel trowel. Before it dries out, work the surface with a sponge trowel, wet, to obtain an even but rough surface.

In order to achieve a polished effect, it is recommended to burnish out the surface still wet with a stainless steel trowel for stucco.

To obtain an even and smooth effect, compact and polish the surface almost dry with a stainless steel trowel.

SUBSTRATE PROTECTION AND DECORATION

It is possible to protect and decorate interior surfaces with the application of **Cera Wax (Plus and metallic versions)**. For further detail, see **Cera Wax** Technical Data Sheet.

Higher-protection performances in interiors and exteriors can be achieved applying **Acquadvetro**.

Acquadvetro must be applied after at least 20-30 days from Marmorino KS application, in stable weather conditions (T=25°C, UR=60%), letting the substrate's PH decrease under 12.

It is important to determine the dilution rate of the product through previous application-test on site.

The application of Acquadvetro change the surface's polish rate, making it opaque.

RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow).

Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

Technical data sheet: Marmorino KS

Revision n: 12

Date: 29-11-2018

Pag. 1 a 2

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.
During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

TOOLS CLEANING

With water, immediately after their use.

YIELD

Marmorino KS: 0,8-1 Kg/m² in two coats, depending on the substrate and its absorption rate.

COLOURS

White and Marmorino KS color card.

PACKAGING

1 Kg; 5 Kg; 20 Kg buckets.

SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

As a lime-based product, there might be an increase of viscosity during stocking.

SECURITY PROCEDURES

EU Directive 2004/42/CE:

Marmorino KS (paint for decorative effect)

EU limit value for Marmorino KS (cat A/I):200 g/l (2010)

Marmorino KS contains 200 g/l of VOC maximum.

Irritating. / Risk of serious damage to eyes. / Irritating to the skin. / Keep out of children. / Avoid contact with eyes. / In case of contact with eyes, clean immediately with water and consult a doctor. / Wear suitable gloves and eyes / face protection. / In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product
Danger labelling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.
The product must be transported, used and stored according to current standards of hygiene and safety; after the use, do not litter, let the remaining product dry properly and then treat it as special litters.

For further information consult the safety data sheet.

N.B.- NOVACOLOR 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.