

Marmorino KS

Lime putty for levelling and satin-finishing for interior and exterior use.

PRODUCT DESCRIPTION

Marmorino KS is a slaked lime putty for satin-finish levelling and finishing. It is composed of lime hydrate, selected marble sands and rheological modifiers to ensure excellent workability.

Marmorino KS creates cloudy appearance, with either soft yet vibrant colours, or a completely uniform look, imitating the classic "**Marmorino Veneziano**". It is also the ideal product for levelling substrates to decorate with **Era Veneziana**.

USES

High-quality decorations for interior and exterior surfaces. Natural lime plasters are the ideal base for applying **Marmorino KS**, which chemically interacts with them, creating a single entity with the substrate and considerably extending the life of the finish itself.

Marmorino KS also provides an excellent and elegant complement to interior surfaces.

With appropriate adjustments in the application cycle,

Marmorino KS is suitable for:

- civil mortar plasters
- pre-mixed new ready-mixed finished plasters
- old lime and gypsum plasters
- plasterboard surfaces

TECHNICAL FEATURES

Binder type: hydrated lime, aqueous dispersion of a vinyl-versatic copolymer.

Density:

Marmorino KS: 1.60 +/- 0.05 g/ml

Permeability to liquid water UNI EN 1062-3: average, $w=0.20$ kg/m²h^{0.5}

-Water vapour permeability UNI EN ISO 7783-2: high, Sd=0.08 per 0.6 mm thickness

Determination of volatile organic compounds (VOC) ISO 11890:2 (undiluted) < 1 g/l

Indoor Air Quality Classification: A+

PERFORMANCE CHARACTERISTICS

With its high vapour permeability, **Marmorino KS** is considered the ideal finish for all substrates for which it is necessary to preserve the permeability characteristics of the treated background.

Reaction to fire EN 13501-1: Class A2 s1 d0

The declared classification refers to the product applied on a non-combustible surface, according to the procedures provided for in the product technical data sheet, with a maximum consumption as indicated later in the yield.

DILUTION/THINNING

Marmorino KS: ready to use.

PRECAUTIONS

Mix the material properly before colouring and laying.

Do not apply on fresh backgrounds that tend to be alkaline. Allow adequate curing time, generally four weeks.

BACKGROUND PREPARATION, AND APPLICATION

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

The surface must be dry and free of dust, and of humidity-salt stains.

If necessary, rebuild or consolidate the substrate with specific products.

If mould/mildew is present, treat the surface with appropriate products. Remove any blooming and flaking parts of old paintwork by brushing or washing.

Completely remove any thick coats of lime or tempera paints. Remove any deposits of dust and grime by brushing.

In the case of non-cohesive and crumbling substrates, apply a coat of **Decofix** (micronized wall fixative) with a brush. For consistent, non-flaking backgrounds, as an alternative, use a brush to apply a coat of diluted **Novaprimer** (water-based pigmented acrylic fixative).

On a completely dry surface apply use an inox trowel to apply a layer of **Marmorino KS** to level; before it dries fully, smooth the surface with a dampened sponge trowel.

Remove any imperfections or material build-up.

When the first coat is fully dry, apply a second coat of **Marmorino KS** with an inox trowel and, before it dries completely, finish the surface with a dampened sponge trowel to obtain a closed but rustic surface.

To obtain a polished effect, before it dries completely, the surface must be reworked with a gloss inox-steel putty trowel.

To obtain a compact effect, before it fully dries, you must go over the surface with an inox trowel, paying attention to small area of material on the surface.

Drying time: about 24 hours depending on the type of substrate, its absorption rate, and environmental conditions

SURFACE PROTECTION AND DECORATION

It is possible to protect and decorate the interior surface by applying **Cera Wax (Plus and metallic variants)**.

For more information, see the technical data sheet on **Cera Wax**. More protection indoors and outdoors can be provided by applying **Acquadvetro**.

It is essential to apply **Acquadvetro** at least 20-30 days after application of **Marmorino KS**, under suitable environmental conditions (T=25° C, RH=60%), to allow the pH of the substrate to drop below 12.

It is important to determine the degree of product dilution by means of an on-site application test.

The application of **Acquadvetro** reduces the degree of surface gloss, thus making it matt.

RECOMMENDATIONS

When applying, the material must be protected from the cold and from big heat changes during the entire application process.

Do not apply when the temperature of the air, the support or product is below +5 °C or above +35 °C, when under direct sunlight, or on heated surfaces (even if already in the shade). Ambient humidity must be < 75%; background humidity must be < 10%.

We recommend finishing each job with materials from the same batch of manufacture. If different manufacturers are used, we recommend mixing the various productions to avoid slight differences in tone.

The exterior application of **Marmorino KS** involves the choice of light colours and the use of suitable dyes resistant to lime and exterior use.

For the correct use of the above materials, and for dilution and laying, please carefully read the technical data sheet.

The correct use of equipment and personal protective equipment (PPE) is recommended during all phases of background and product preparation and application.

EQUIPMENT CLEANING

With water, immediately after use.

YIELD

Marble KS: 0.8-1 kg/m² for both of the layers.

COLOURS

White and palette colours **Marmorino KS**.

PACKAGING

Pots of 1, 5 and 20 kg.

STORAGE LIFE CONDITIONS

The product should be used preferably within 2 years from the production date if stored in its original unopened pot and at the appropriate temperatures.

Since these are lime-based products, an increase in viscosity may occur during storage.

SAFETY RECOMMENDATIONS

Directive 2004/42/EC:

Marmorino KS (decorative-effects paint)

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

Marmorino KS contains a maximum of 200 g/l VOC.

Irritant / risk of serious eye damage / irritating to skin / keep out of the reach of children / avoid contact with eyes / in the event of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and eye/face protection / if swallowed, seek medical advice immediately and show this container or label.

The product must be transported, used and stored according to current hygiene and safety regulations; allow residues dry completely and dispose of them with special waste.

For more information, please see the safety data-sheet.

The SAN MARCO GROUP guarantees that the information in this data sheet is given to the best of our experience and technical and scientific knowledge. However, because application conditions are beyond our control, we cannot assume responsibility for the results obtained from its use. We recommend always checking the actual suitability of the product to each individual case. This sheet cancels and replaces all previous ones.