

# MARCOSIL PRIMER

SILICATE-BASE WALL SEALANT

code 0750030

## DESCRIPTION

MARCOSIL PRIMER is a modified potassium silicate-base sealant designed to seal and consolidate walls before treating with paint or silicate-base coatings.

MARCOSIL PRIMER reacts chemically with the surface via a process called "silicatization". In this way, it consolidates and renders uniform the porosity, enabling uniform results to be achieved.

## INSTRUCTIONS FOR USE

May be applied to:

- Lime-base mortar.
- Compound mortar or equivalent mortars.
- May not be applied to plaster or Gypsumboard.

## TECHNICAL SPECIFICATIONS

- Binder: organic stabilized potassium silicate in aqueous solution
- Specific gravity: 1.07 ± 0.03 kg/l
- Drying times (at 25 °C and 65% relative humidity): touch dry in about 1 hour; completely dry in 24 hours.
- Second coat applicable after 12 hours.

## PREPARING THE SURFACE

Mortar surfaces:

- Ensure the surface was laid at least 28 days before.
- Check its condition. The surface must be firm. If it is not, replace or consolidate with specific products.
- Remove any efflorescence by brushing or washing.
- Old, synthetic paints must be completely removed.
- Smooth off any irregularities in the surface using BETOMARC 9450150 or RASAMIX 9440160.
- Remove any dust, bloom and other deposits with a brush.
- Ensure the surface is completely dry and apply MARCOSIL PRIMER.
- MARCOSIL PRIMER must be applied in accordance with the instructions described below.

\* (The dilution of the sealant and the quantities to be applied are calculated on the basis of the absorption of the surface and must be determined through preliminary tests on the surface itself).

## APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C.

Relative humidity of the air: <75%.

Temperature of the surface to be treated: Min. +5 °C / Max. +35 °C.

Humidity of the surface to be treated: <10%.

- Do not apply in the presence of surface condensation or in direct sunlight.
- Like all inorganic products, MARCOSIL PRIMER is extremely sensitive to environmental conditions and those of the surface, so it is recommended that these instructions be carefully followed.
- The product may be applied using a brush.

- Mix the product before using.

- Dilute the MARCOSIL PRIMER with about 100% water and apply to the surface using a brush, avoiding the formation of streaks. The dilution must be determined on the basis of the surface's porosity. In the case of extremely powdery surfaces, reduce the dilution and, if necessary, apply 2 coats of sealant.

- All tools should be cleaned using water immediately after use.

- During the application, protect (screen off) surfaces in glass, ceramic, plastic, metal and natural stone.

- Indicative coverage: 8-10 sq.m./l on surfaces of average porosity. It is recommended that a test be effected on the surface to determine the consumption of the product.

## TINTING

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## STORAGE

Maximum temperature for storage: +30 °C.

Minimum temperature for storage: +5 °C.

The product should be preferably used within 1 year 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. H: Binding primers (water-base): 50 g/l (2007) / 30 g/l (2010)

MARCOSIL PRIMER Contains max: 30 g/l VOC

irritating to eyes and skin. / keep out of the reach of children. / avoid contact with eyes. / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. / wear suitable gloves. / if swallowed, seek medical advice immediately and show this container or label.

The product must be moved, used and stored in accordance with current legislation concerning health and safety.

For further information, consult the safety form.

## SPECIFICATION ITEM

Applications, on prepared surfaces, of the silicate-base sealant MARCOSIL PRIMER Cod.0750030 formulated from stabilized potassium silicate and organic binder in quantities determined by the porosity of the surface.

Supply and application of the material € .... per sq.m.

*SAN MARCO GROUP 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.*