

MARBLE LIME PLASTER *fraction 0-1mm*

Decorative lime plaster for finishing walls and ceilings



Substrate

The substrate must be even, dry, absorbent, and free from dust, paints, and lubricants (oils, greases, etc.). Substrates must be moistened beforehand to improve adhesion and protect the plaster from drying out too quickly. Absorbent substrates must be moistened to saturation (water sprayed on the substrate will remain on the surface for at least 5 seconds before it is absorbed).

For smooth concrete, gypsum board, and other smooth surfaces with poor adhesion, we recommend using a quartz adhesive primer in advance to improve the adhesion.

Conditions

The temperature of the substrate and the ambient air must be higher than 5 ° C. The carbonization process of lime takes place under the influence of water and carbon dioxide (CO₂) in the air, a 1 cm thick layer of lime requires about one month. Therefore, the lime plaster must be protected from excessive drying caused by wind and sun when plastering outdoors. In hot summers above 25 ° C, the lime plaster should be moistened for 5 days (twice a day).

Preparation

Add 5 liters of clean water to one 20kg bag (5.6 liters for snow white) and mix well for 5-10 minutes to make the mixture a porous, uniform mass that is good to install. Preparing the mixture the day before plastering is best, with a minimum of 30 minutes before use. After standing, mix the plaster mixture thoroughly again.

Application

Pre-clean the substrates and moisten them thoroughly. Apply a layer(s) 2-3 mm thick. Allow the plaster to harden, level the surface evenly with a float and avoid a smooth metal-sanded surface created with a trowel. After drying, moisten the lime plaster for another 5 days (if the temperature is above 25 ° C).

To give the lime surface water repellency, it is necessary to apply a solution of olive oil soap with a brush at the end of the installation when the plastered and finished surface is still slightly damp.

The reaction of soap fats and lime creates a water-repellent surface that can be successfully maintained later with natural detergents.

For successful maintenance, we recommend finishing the lime-plastered surface smooth.

Finishing

For indoors marble lime finishing plaster can be primed with UKU cellulose primer or painted with UKU lime paints. For outdoor use, finish the plastered surface with UKU lime paint.

Maintenance

Remove liquid stains from plastered surfaces immediately with soft, absorbent cotton cloth and avoid rubbing. In the case of dry dirt, wipe the surface with a soft sponge and cold or lukewarm water and dry with a soft cloth. The surface is easier to maintain if the plaster has been treated with an olive oil soap solution to achieve greater water repellency. In the case of a smooth plastered surface, the dirty surface is maintained with natural detergents, such as an olive oil soap solution. If the surface has been waxed, the wax layer must be renewed from time to time as aftercare, as necessary. Commercial corrosive detergents or scouring agents must not be used for cleaning. If a different shade of bead remains visible on the plastered surface, the surface must be refreshed with UKU lime paint.

Consumption

Depending on the evenness of the substrate and the thickness of the layer 3-4,5 kg/m² at a layer thickness of 2-3mm.

Safety

Lime is corrosive. Avoid inhalation of dust, skin contact, and eye contact. Respirator, goggles, and protective clothing are recommended. In case of contact with the eyes, rinse immediately with physiological saline. Cover glass, metal, and lacquered surfaces, and other lime-sensitive surfaces for splashes before installation. Keep out of the reach of children.

Preservation

Store in dry conditions. Shelf life is 1 year from the date of production. The production date is indicated on the packaging. Cover the surface of the finished mixture inside the bucket with plastic wrap to prevent the mixture from drying out. Always mix thoroughly before reusing. There may be differences in shade between different batches.

The product description outlines the uses of the material and recommendations for work. The material has been tested by the manufacturer and guarantees the quality of the product but cannot guarantee its correct use and therefore does not release the user from liability. Specific conditions and surfaces must be taken into account for each project.

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