

31940 Grassello, white lime paint

Description

Grassello is a blade-applied wall coating based on slaked lime putty, finely filtered and seasoned for at least 6 months, and on natural inert fillers. Its environmental friendly formula is solvent free (0% VOC) and extremely low in chemical additives (less than 1.50 % in total dry residue).

Easy to apply, it has excellent filling power and resists aggression by moulds and bacteria.

Grassello is suitable for decorative indoor wall surfaces.

Perfectly stable over time, it ensures outstanding breathe-through properties thanks to its excellent permeability to water vapor.

Color Range

Grassello is offered in basic white color. A range of over 100 colors can be obtained by adding the appropriate colorant additive.

Primer

In order to obtain the suitable support it is necessary to apply a coat of the primer Fond Fine.

Fond Fine is a special clinging primer for mineral lime based products, based on acrylic polymers, natural fine quartz, inert charges and special additives. Fond Fine has a low VOC content.

Fond Fine is a coarse primer, especially formulated to adhere to all kind of surfaces. Its particular rough structure eases the application of the exact quantity of product (in the first coat), in order to obtain the required thickness and a particularly glossy surface, with a high-quality final result of the covering. The correct set up of the support is mandatory for a good result. The primer is suitable for indoor and outdoor surfaces.

New Surface Application:

For following surfaces first apply a coat of primer:

- Building plaster
- Medium-density
- Concrete
- Plasterboard
- Plaster

Surface

Building plaster
Tempera
Breathable paint
Glossy lime-based untreated finishing
Glossy lime-based finishing with soap coating
Glossy lime-based finishing with wax coating
Washable paint
Multicolor paint

Preliminary Treatment

good brushing and coat of primer
good brushing and coat of primer
good brushing and coat of primer
good brushing and coat of primer
good brushing and coat of primer
good brushing and coat of primer
coat of primer
coat of primer

Application

Grassello is ready to use. Any water present on the surface is considered normal, and should be completely removed before using.

For tinting, before adding the chosen colorant additive, reduce the viscosity of the product by mixing it with a special rotor drill. Then add the amount of the colorant and blend until the color is perfectly even. Let the colored product rest for 12 hours before starting the application cycle.

1. If necessary apply the primer.
2. First Coat



Apply a coat of Gravello. Consumption: approximately 500 – 600 g/m². It should be applied evenly; it is not necessary to color the product for the first coat.

3. Second Coat

Apply a coat of Gravello white or colored. Consumption: approx. 220 – 300 g/m². Apply after the first coat is dry, being careful to apply it evenly, to obtain a smooth surface without creases, but not glossy, to form a suitable support for the third coat.

4. Third Coat and Polishing

Apply another coat of Gravello white or colored. Consumption: approx. 80 – 100 g/m². Apply after the second coat is dry. In order to obtain an even color, we suggest to use the same colored bucket for the whole surface. Polishing is performed during the drying stage.

The gloss is the result of pressing the steel blade to the coating surface.

Protective Finish

Indoor surfaces (natural wax). Consumption: 30 – 50 g/m².

Mix carefully before using. Let the surface dry out for at least 48 hours. Spread a coat of wax with a soft sponge for about 1 m² at a time (about 11 ft²) until the surface doesn't absorb anymore. In order to obtain a bright surface, rub with a TNT (tissue-non-tissue) after letting the surface dry for 20-30 minutes.

Environmental Conditions of Application

The environmental temperature must be between 10 and 30°C with a relative humidity lower than 85 %. The same conditions must be maintained during the first 24 hours after application.

Storage

The product can be stored for 24 months if protected from excessive heat and cold. Store between 5 – 30°C. Protect from frost.

Safety Guidelines

The lime contained makes the product caustic. Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. Keep product away from children.

Hazard Classification

Xi, Irritating

Disposal

The product must be disposed according to local and national regulations. Empty containers can be recycled.

Further Technical Information

Appearance:	glossy, fine-grained with natural shading
Application tool:	INOX steel finishing trowel
Specific weight:	1.56 ± 0.05 kg/l
Theoretical yield:	0.80 – 1.00 kg/m ² in 3 coats
Granulometry:	impalpable
Coating thickness:	0.50 – 0.65 mm in 3 coats
Dry to the touch:	2 hours (20°C)
Dry to handle:	48 hours (20°C)
Stable hardness:	180 days
Dry to recoat:	10 hours (20°C)
pH after 30 days:	12.5 ± 0.2
Permeability to water vapor (Sd):	High 0.06 m (Standard: UNI EN ISO 7783-2:2001)

VOC-Classification (as per Dir. 2004/42/EC, 0 g/l of VOC if uncolored

Cat. A/c: Paints for exterior walls of mineral

Substrate EU limit value: 75 g/l (2007),

40 g/l (2010)

20 g/l of VOC of colored with water based additives