

Lime Paint/ Liquid Plaster TDS

Description: Sanitizing mineral paint - creates a non uniform aspect with light & dark shades similar to the ones of ancient buildings. However, it can also be applied so that it is solid colored and consistent.

Main Features: Mildew Resistant / Disinfectant / Transparent / Highly Flexible / Organic

General: Lime paint can be colored with oxide pigments. The final tone of the applied product depends on the porosity and the absorbency of the surface besides the applied thickness. We advise checking the colour after when fully dry, on the surface or a sample of that surface. Opaque finishing & Light and dark shades are characteristic of the product.

Classification: B4.C.O.C.2.SA (EU)

Single-component, flat, reactive chemical hardening, lime base top coating paint in water medium.

Exterior walls: To be laid on unpainted surfaces or on surfaces painted with products with lime. The walls must be carefully brushed. If necessary, wash with water, and then smoothed with a lime foundation. Extremely dusty or porous surfaces must be pre-treated by applying a coat of 1:3 water-thinned acrylic binder. Allow to dry for at least 12 hours before applying new product. The paint must be applied according to the old "fresco-fresco" technique, i.e. by applying a first coat having a thinning ratio of 20% by volume, so as to obtain uniform absorption of the two; 10% thinned finishing coats. Observe an interval of at least 12-24 hours between the different coats. At the time of application, the base must be sufficiently moist to keep the paint from peeling or cracking. To ensure protection against pollutants, apply a final coat of lime tolerant sealer 24 hours after the finishing coat, or a coat of 1:5 thinned acrylic binder.

Interior Walls: The product can also be applied on unpeeling pre-existing paintwork. Before applying the product, apply a coat of 1-1 water-thinned acrylic binder and allow to dry for at least 12 hours. Use a water-thinning ratio of 20% for the first coat and 10% for the following coats. Observe an interval of at least 12-24 hours between the different coats.

Note Lime paint is a pre diluted paint ready for application as an interior finish over most paints that are flat.

General tips: Protect from frost. Carefully close the can after use. At the time of application, the base must be sufficiently moist. Do not apply to substrates with ascending moisture without properly sealing. Do not apply in the sun, or on very windy or hot days. If the plaster or surface is very old, apply up to four coats of well thinned product. When the work is over, immediately wash the tools with water. Since the product has a natural composition, its mass may contain poorly burnt or unhydrated fragments. Some darker or clearer shadings of the colour are characteristic of the product. Because of the natural composition of the product the final shade will be related to the surface absorbency and climate conditions. Plasters and patching must be well dried.

Environmental and surface conditions

- Room temperature: min: 10°C / max 35°C
- Relative humidity: <75%
- Surface temperature: min. 10°C / max 35°C.

Precautions: Keep the can closed, upside down and protected from frost. User information is contained in the related safety sheet. Empty containers, or with traces of dried product film, must be disposed of according to local regulations. The product is heavily alkaline based. Protect the eyes during use. In the case of accidental eye contact, rinse abundantly with water and seek medical assistance. For further safety and disposal information, refer to the products MSDS sheet

Coat finish and aspect Flat, Matt, Fresco, Dual-toned, can be polished or burnished
Packing 14 Liters / Approx. 4 Gallons
Density g/ml 1,330 □ 1,370
Theoretical spreading rate 132 – 176 ft ² /3.78L –4 gallon 462 – 616 ft ² /14L – 4 gallons
Recommended thickness About 20-30 microns per coat
Flash point °C Not flammable
Resistance to spreading of water SD (dry film thickness 100 microns) 0.0004 m
Diffusion of water vapor WDD (dry film thickness 100 microns) 2747 g/m ² in 24 hrs
Shelf life (in cool and dry place) At least 12 months
Dry tack free hrs 1
Touch dry hrs 1-3
Hard dry hrs Complete carbonation is obtained in 2-3 weeks (60-70 % of lime). The complete process requires 8-12 months
Dry to recoat hrs 12-24
Exteriors/interiors yes
Colors Base light and dark, according to colour charts and shade cards
Binder acrylic and lime
Tool cleaner water
VOC 40g per liter
Application Brush/Roller/Spatula/Trowel
Roller volume 20% First coat 10% Following coats
Brush volume 20% First coat 10% Following coats

The above information is based on our best technical and practical knowledge. However, since the actual conditions in which the product is used are beyond our direct control, we provide no guarantee as to the effectiveness of the recommendation and suggestions contained herein. If in doubt, it is advisable to conduct preliminary tests and /or call our technical service.

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