



LOGGIA
industria vernici

TECHNICAL DATA SHEET

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Calcecolor

Lime Paint.

General Characteristics

Composition:

CALCECOLOR is a limewash paint, formulated with slaked lime and highly alkali resistant additives and fillers. This product delivers a breathable, decorative finish that soaks into the underlying material to which it is applied. After proper carbonation (the calcium hydroxide sets slowly by combining with carbon dioxide to form calcium carbonate, the principal component of limestone and marble) it provides external surfaces with a very high water vapour permeability, reducing the damp phenomena on the corresponding interior surfaces. Its high PH index inhibits microbial growth.

Recommended Usage:

It is recommended for exterior masonry walls, especially for restoration of historic buildings, where a not uniform effect of colour is required. It can be applied on cement plasters and suitably prepared masonry and concrete.

Preparation

Surface Preparation:



Exterior new surfaces: All surfaces must be dry and cured according to the supplier's recommendations – usually about 30 days. Rough surfaces can be filled with external putty or a mixture of white cement and fine sand (in the ratio of 1:3) to provide a smooth surface; Ensure the support to be coated is clean with dust and dirt removed. One coat of primer FISSACAL should be applied followed by two coats of CALCECOLOR. For the application please refer to the technical methods given below.



Exterior coated surfaces: Any mildew should be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the surface to dry before applying a coat of fungicide MUFFACID. That requires the use of proper protective equipment. Existing peeled paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Coatings in a poor condition should be removed completely. Fill cracks and holes with external putty or a mixture of white cement and fine sand (in the ratio of 1:3); then sand smooth. Remove all sanding dust. One coat of primer FISSACAL should be applied followed by two coats of CALCECOLOR. For the application please refer to the technical methods given below.

Product Application

Methods:



Brush: Use a nylon/polyester or a natural bristle brush. Thin by up to 15-20% by volume with water both the first and the second coat.

Roller: Use a 3/8" - 3/4" nap synthetic or lamb's wool roller cover. Thin by up to 15-20% by volume with water both the first and the second coat.

Airless: Pressure: 140 – 160 bar (2000 – 2350 psi). Tip: 0.019" – 0.021". Dilution depends on the airless system in use. A trial application is strongly recommended prior to the commencement of work.

In order to better protect the lime coating from bad weather conditions and to increase its beauty you should apply on it a coat of decorative coating EFFETTO TAMPONATO SILOSSANICO. Please refer to technical data sheet for methods and application.

Warning: Do not paint in direct sun or on a hot surface. Do not apply to wet surfaces.

Temperature of application:	+5 ÷ +35 °C	41 ÷ 95 °F
Relative humidity of application:	< 85%	
Dry film thickness:	35 ÷ 50 µm per coat	1.4 ÷ 2 mils per coat
Touch dry:	30 minutes	
Recoat after:	5 ÷ 6 hours	
Completely Cured:	21 days	
Cleaning tools:	by water	

Colouring



This product is available in two different bases that can be coloured with Tinting System L'ANGELO OX. In addition it can be tinted with **oxide** Universal Stainers to obtain customized shades. **You can't realize deep colours with lime paint.**

Care should be taken when one uses different batches of the same colour. Mix them together to ensure colour uniformity during application.

Technical Properties

Density:	1.35 ÷ 1.45 Kg/L	
Viscosity:	7000 ÷ 10000 cPs	
pH:	12 - 14	Be careful!
Weight Solids:	62%	
Coverage:	4 – 5 m ² /L	160 – 200 sq ft/gal
Colour:	Many Colours	
Gloss Levels:	Matt	
Pack Size:	5 - 15 L	

Storage



Shelf-life: 2 years in original tightly closed containers away from direct sunlight and excessive heat.

The can should be resealed and stored tightly closed to prevent evaporation of the product and entry of air. Store it upside down after use.



Min storage temperature: +5°C (41°F)

Max storage temperature: +30°C (86°F)

Safety Precautions

Refer to the Material Safety Data Sheet before use.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects. For more information about how to remove old lead paint safety contact your local health authority.

General Information

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **Loggia Industria Vernici S.r.l.** takes no responsibility for the results obtained through the use of this product in as much as it is not possible for **Loggia Industria Vernici S.r.l.** to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.

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