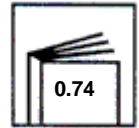




LOGGIA
industria vernici

TECHNICAL DATA SHEET

Issue Date: December 09



Silprimer

Silicate Paint Fixative.

General Characteristics

Composition: SILPRIMER is a potassium silicate fixative for exterior use, formulated with specific emulsions alkali resistant. This primer penetrates into the plaster and seals the porous surfaces by bonding unrelated parts of them. It provides both a good vapour permeability and an excellent adhesion for finish coatings. Making surface absorption uniform, SILPRIMER allows colour uniformity during application of lime paints.

Recommended Usage: It is recommended for exterior use on suitably prepared masonry walls and cement plasters. It is used for thinning SILICOLOR.

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. Apply one coat of primer SILPRIMER followed after 24 hours by two coats of silicate paint. 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. Any synthetic coating must be removed completely. In fact it would prevent any chemical reaction from happening. 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. Apply one coat of primer SILPRIMER followed after 24 hours by two coats of silicate paint. For the application please refer to the technical methods given below.

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

Product Application

Methods:



Brush: Use a nylon/polyester or a natural bristle brush.

Roller: Use a nap synthetic or lamb's wool roller cover.

Dilution depends on surface absorption. It ranges from 1:1 to 1:2 by volume with water.



Airless: Pressure: 140 – 160 bar (2000 – 2350 psi). Tip: 0.017" – 0.021".

Dilution depends on the airless system in use. A trial application is strongly recommended prior to the commencement of work.

Warning: The addition of fixative to paints can not be considered as a substitute for the application of the fixative itself. Only in the latter case, the fixative penetrates deep into the plaster and allows to standardize the absorption by sealing not consolidated parts of it. The addition of fixative to paints, in fact, increases its resin content, but will not prevent such defects.

Temperature of application:	+5 ÷ +35 °C	41 ÷ 95 °F
Relative humidity of application:	< 85%	
Touch dry:	30 minutes	
Recoatable after:	24 hours	
Completely Cured:	7 days	
Cleaning tools:	by water	

Technical Properties

Density:	1 Kg/L	
Viscosity:		
pH:	10 - 12	Be careful!
Weight Solids:	20%	
Coverage:	8 – 10 m ² /L	330 – 410 sq ft/gal
Colour:	Clear	
Gloss Levels:	Translucent	
Pack Size:	1 - 5 - 20 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.

Loggia Industria Vernici S.r.l. Via Colle d'Alba di Levante – 04016 B.go S. Donato - Sabaudia (LT) – ITALY

Tel. (+39) 0773 562212, Fax (+39) 0773 562034. www.loggia.it, E-mail commerciale@loggia.it.

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