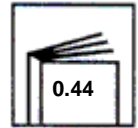




LOGGIA
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TECHNICAL DATA SHEET

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Intonachino ai Silicati

High Build Silicate Decorative Coating.

General Characteristics

Composition:

INTONACHINO AI SILICATI is a potassium silicate coating, formulated with highly alkali resistant additives and different size aggregates used to produce a high build finish. The potassium silicate binder chemically reacts with the mineral underlying material to form a microcrystalline silicate bond which is insoluble. Secondary chemical crystallisations also take place between the binder, the colour pigment and carbon dioxide in the atmosphere. The resultant microcrystalline structure has a pore size that allows the free passage of vapour, but it prevents the ingress of driven rain. The insoluble silicates formed in the chemical reaction are resistant to strong acid and alkali attack and inhibit microbial growth.

Recommended Usage:

It is recommended for exterior masonry walls, especially for restoration of historic buildings.

Preparation

Surface Preparation:



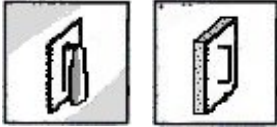
Exterior new surfaces: All surfaces must be dry and cured according to the supplier's recommendations – usually about 30 days. Rough surfaces can be filled with external putty or a mixture of white cement and fine sand (in the ratio of 1:3) to provide a smooth surface; Ensure the support to be coated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

Product Application

Methods:



Putty knife or steel trowel: Apply the product as such by a smooth putty knife or steel trowel. During withering scrub the surface with plastic or spongy trowel (the latter makes the surface more compact).



In order to better protect INTONACHINO AI SILICATI from bad weather conditions and to increase its beauty you can 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:	2 ÷ 4 mm	
Touch dry:	1 hour	
Completely Cured:	21 days	
Cleaning tools:	by water	

Colouring



This product can be coloured with Tinting System L'ANGELO OX. In addition it can be tinted with **oxide** Universal Stainers to obtain customized shades.

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 ÷ 1.5 Kg/L	
Viscosity:	30000 ÷ 40000 cPs	
pH:	11 - 12	Be careful!
Weight Solids:	78%	
Coverage:	0.35 – 0.7 m ² /Kg	
Colour:	Many Colours	
Gloss Levels:	Matt	
Pack Size:	5 - 25 Kg	
Texture Grade	0.6 ÷ 0.8 / 1 ÷ 1.4 mm	

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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Company with Certified Quality System by BVQI according to UNI EN ISO 9001:2000.