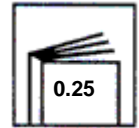




LOGGIA
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TECHNICAL DATA SHEET

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Titania Plus

Washable, Highly Durable Vinyl Emulsion.

General Characteristics

Composition: TITANIA PLUS is a vinyl water-based emulsion, formulated with high resistance fillers and pigments. Good flow and levelling characteristics result in a smooth and durable finish. It has a heavier bodied formulation, that delivers outstanding hide and coverage. It also offers good stain resistance. Walls painted with TITANIA PLUS are easy to clean and maintain that new look for years.

Recommended Usage: It is recommended as refined finish for interior or exterior application on walls and ceilings of primed plaster, suitably prepared wallboard, 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 FISSACRIL should be applied followed by two coats of TITANIA PLUS. 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 FISSACRIL should be applied followed by two coats of TITANIA PLUS. For the application please refer to the technical methods given below.

In order to seal chalking surfaces use the solvent-born primer ISOL 45 instead of FISSACRIL.

Interior 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 putty FLYSTUK to provide a smooth surface; Ensure the support to be coated is clean with dust and dirt removed. One coat of primer FISSAMUR

should be applied followed by two coats of TITANIA PLUS. For the application refer to the technical methods given below.

Interior 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. It 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 putty FLYSTUK; then sand smooth. Remove all sanding dust. One coat of primer FISSAMUR should be applied followed by two coats of TITANIA PLUS. For the application please refer to the technical methods given below.

Warning: The right dilution ratio of 1:1 by water is demanded for primer FISSAMUR before applying deep colours on surfaces.

Product Application

Methods:



Brush: Use a nylon/polyester or a natural bristle brush. Thin by up to 30-35% 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 20-25% by volume with water both the first and the second coat.

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.

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



White can be tinted with Universal Stainers to obtain customized shades. In order to realize deep colours you should use LAVABILE COLOR.

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:	1.58 ÷ 1.63	Kg/L	
Viscosity:	25000 ÷ 30000	cPs	
pH:	7-8		
Weight Solids:	65%		
Coverage:	11 – 13	m ² /L	450 - 540 sq ft/gal
Colour:	Many Colours		
Gloss Levels:	Satin		
Pack Size:	4 – 14	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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