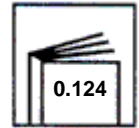




LOGGIA
industria vernici

TECHNICAL DATA SHEET

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Revolution

Interior/Exterior Universal Enamel.

General Characteristics

Composition: REVOLUTION is a solvent-based enamel for interior and exterior use, formulated with alkyd modified resins and proper adhesion promoters that provide excellent adhesion on every kind of surfaces. It forms a tough film that is extremely resistant to stains and water. Easy to apply, it results in a glossy and flexible finish.

Recommended Usage: It is recommended for interior and exterior application on galvanized sheet metal, aluminium, wood, plastic, glass, brass, PVC and ceramic. It is heartily recommended for all those manufactures staying near seaside.

Preparation

Surface Preparation:



New ferrous metals: All surfaces must be dry. Ensure the support to be coated is clean with dust, dirt, wax or grease removed. If not, degrease any surface with solvent or any appropriate degreaser. With the steel brush or sandpaper remove the calamine and the rust where present. Apply two coats of primer PROTEZIONE 1 followed after 12-24 hours by two coats of REVOLUTION. For the application please refer to the technical methods given below.



Coated ferrous metals: Existing peeled coating should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Coatings in a poor condition should be removed completely. Remove all sanding dust. Apply if necessary one coat of primer PROTEZIONE 1 followed after 12-24 hours by two coats of REVOLUTION. For the application please refer to the technical methods given below.



One can possibly passivate the metal with RUGGINOX to transform the rust in inert chemical compound before applying the primer PROTEZIONE 1.

New timber or trim: All surfaces must be dry and seasoned. 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. For very absorbing timber you should apply one coat of undercoat PRIMO LEGNO; then sand smooth. Remove all sanding dust. In the end apply two coats of REVOLUTION. For the application please refer to the technical methods given below.

Coated timber or trim: 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. Apply one or two coats of REVOLUTION. For the application please refer to the technical methods given below.

In order to give a higher firmness to finish, you can possibly apply a coat of primer CEMENT BLOCK on timber before applying REVOLUTION.

Product Application

Methods:



Brush and Roller: Thin by up to 5% by volume with white spirit. Wait 18-24 hours before applying the second coat.

Spray: Thin by up to 10-15% by volume with white spirit. Wait 18-24 hours before applying the second coat. Pressure 3-4 Atm. Tip 1.7-2 mm.



Airless: Pressure: 140 – 160 bar (2000 – 2350 psi). Tip: 0.017” – 0.019”. 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:	30 ÷ 40 µm per coat	1.3 ÷ 1.6 mils per coat
Touch dry:	1 – 2 hours	
Recoat after:	18 - 24 hours	
Completely Cured:	7 days	
Cleaning tools:	by synthetic or nitro thinner	

Colouring



Available in a very wide range of colours. This product can also be coloured with Tinting Systems PLATINA and SECTORMIX.

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:	1.15 – 1.35	Kg/L	
Viscosity:	170 s (Ford 4)		
Weight Solids:	65%		
Coverage:	11– 12	m ² /L	450 – 490 sq ft/gal
Colour:	Many Colours		
Gloss Levels:	Gloss		
Pack Size:	0,750 - 2,5 - 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.

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