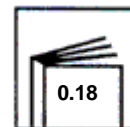




# TECHNICAL DATA SHEET

Issue Date: January 10



## Pliomarc

Pliolite Based Coating.

### General Characteristics

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**Composition:** PLIOMARC is an solvent-based paint, formulated with Pliolite resins and high resistance fillers and pigments. It has a heavier bodied formulation, that delivers outstanding hide and coverage. It also offers high alkali, stain and chalk resistance and allows moisture vapour to escape from the building interior. Walls painted with PLIOMARC are easy to clean and maintain that new look for years.

**Recommended Usage:** It is recommended as finish for interior or exterior application on walls and ceilings of primed plaster, suitably prepared wallboard, masonry and concrete. Especially indicated for industrial buildings subject to heavy aggressive conditions. This product can be also applied on floors, patios, walkways and athletic courts since it can be subject to pedestrian traffic.

### Preparation

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**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 solvent primer PLIOSOLV or ISOL 45 should be applied followed by two coats of PLIOMARC. 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 solvent primer PLIOSOLV or ISOL 45 should be applied followed by two coats of PLIOMARC. For the application please refer to the technical methods given below.

*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 solvent primer PLIOSOLV or ISOL 45 should be applied followed by two coats of PLIOMARC. For the application please 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 solvent primer PLIOSOLV or ISOL 45 should be applied followed by two coats of PLIOMARC. For the application please refer to the technical methods given below.

## Product Application

### Methods:



*Brush and Roller:* Thin by up to 5% by volume with synthetic thinner both the first and the second coat. Wait 12 hours before applying the second coat.

*Spray:* Thin by up to 10-15% by volume with synthetic thinner. Wait 12 hours before applying the second coat. Pressure 3-4 Atm. Tip 1.8-2 mm.



*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:	50 ÷ 100 µm per coat	2 ÷ 4 mils per coat
Touch dry:	30 minutes	
Recoat after:	12 hours	
Completely Cured:	7 days	
Cleaning tools:	by synthetic or nitro thinner	

## Colouring



Available in a few range of pastel and off white colours. Tinting with Universal Stainers is not recommended as they could affect product nature. **You can't realize deep colours with Pliolite based 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

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Density:	1.15 ÷ 1.3	Kg/L	
Viscosity:			
Weight Solids:	53%		
Coverage:	7 – 8	m <sup>2</sup> /L	290 - 330 sq ft/gal
Colour:	Pastel and Off White Colours		
Gloss Levels:	Opaque		
Pack Size:	5 – 20	L	

## Storage

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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

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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.

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## General Information

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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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