



REF : RPLPP 2025/02

Resin Paint Primer LP

DESCRIPTION

Resin Paint Primer LP, is a single pack copolymer emulsion designed as a primer for Resin Paint Level and Patch floor screed and for porous substrates. It stabilises and seals substrates effectively promoting adhesion that will allow cementitious self-smoothing compounds to be applied directly.

It can also be used as a dust proof coating when applied as a tight coat by squeegee, roller or spray, depending on texture and finish. The product can be applied to vertical substrates to consolidate concrete and cement and other surfaces

ADVANTAGES

- Single Pack
- Easy to apply
- Can be used internally and externally
- Can be used as a dust sealer

RECOMMENDED USES

- As a primer for Resin Paint Level and Patch
- As a surface sealer or dust proofer
- Ideal for porous concrete and sand cement screeds

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
150 µm WFT 38 µm DFT (Per coat)	25 %	10 kg. & 25 kg.	1 X Base	12 Months (Base & Hardener)	Keep out of direct Sunlight. Store in a dry place, not below 15°C

DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
Approx. 60 sqm per 10KG unit	Up to 1.5 hours from mixing	6 – 8 hrs	24 Hours	48 Hours	Up to 7 Days

Specification

Product : Resin Paint Primer LP
Finish : Clear Satin Finish
Thickness : 45 - 70 microns approximately per coat
Colour : Clear

Products required for this system

Prime : Resin Paint Primer LP
System : As specified
Surface Seal : Not required

Preparation

Surfaces to be coated must be clean, sound, dry and free of any contaminants that could impair good adhesion. Air temperature should be 5-30°C with humidity 70% RH maximum. Very high humidity can cause a patchy finish as moisture is retained during the product curing process. To prevent this ensure good drying conditions prevail throughout the application and cure of the product.

New Concrete Floors: New concrete must be clean and sound and with surface laitance removed preferably by enclosed shot blasting or mechanical grinding, a minimum strength of 25N/ mm² is required. Open, porous substrates may benefit by priming with extra coats of **Resin Paint Primer LP**

Existing Concrete Floors: Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing. Open, porous substrates may require priming with extra coats or **Resin Paint Primer LP**. Local repairs should be carried out using **Resin Paint Concrete Repair**.

Application Conditions

Resin Paint Primer LP should be applied where there are good drying conditions and the ambient temperatures of the area and substrate should not be allowed to fall below 10oC throughout the application and the curing period. Where possible it is recommended that the application area is <75%RH, heated to a minimum temperature of 15oC and time is allowed for the ambient and substrate temperature to stabilise prior to installation.

On highly porous surfaces, or when used as a dust proofer, a very dilute (1:1 with water) wash may be applied to obtain maximum penetration Once dry this should then be followed by an application of the standard material (neat) to the surface to build the film thickness.

Application

Resin Paint Primer LP can be applied by brush, roller, squeegee or spray and worked well into the surface, at a rate of 7.23 m² /kg and allowed to dry. Sound dense concretes should be dampened (with no free water) with a water spray. Open, highly porous substrates may require a second application to ensure the formation of a suitable surface film to provide a bond. Rates of coverage may vary substantially dependant on the surface preparation and finish of the concrete, rates given assumes a shot blasted surface with medium porosity. Once applied and dry it will not re-disperse in water.

N.B. **Resin Paint Primer LP** is not suitable for non-porous surfaces.

Category Guide

FeRFA Category : 1

Technical Information

The following figures are obtained from laboratory tests and our experience with this product .

Slip Resistance Dry > 60
Wet Please consult Resin Paint
Method BS7976 pt1-3 2002

The slip resistance of a floor surface can vary as a result of the installation process, conditions at the time of application and subsequent traffic. Inappropriate cleaning or maintenance can adversely affect the performance. For further advice on potential wet areas please consult Resin Paint.

Abrasion Resistance n/a
Method BS8204 /ASTM D4060

Temperature Resistance Tolerant of sustained temperatures of up to 60°C

Chemical Resistance Excellent Chemical Resistance
Consult Resin Paint on specific materials

Compressive Strength n/a

Flexural Strength n/a

Tensile Strength n/a

VOC n/a
<1 g/l calculation based on a full mixed unit

Health and Safety

Resin Paint Primer LP is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by Resin Paint Limited or its agents is based on the information supplied by the purchaser. Resin Paint Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.