



REF : RPPTC 2025/02

# Resin Paint Primer TC

## DESCRIPTION

Resin Paint Primer TC is a two pack medium viscosity solvent free epoxy resin bonding and priming coat designed for easy application, with good surface wetting properties. Resin Paint Primer TC is principally designed to provide greater hold when applying coving and vertical application of renders and screeds.

## ADVANTAGES

- Excellent adhesion
- Solvent free
- Low odour
- Easy of application
- Versatile for varied applications

## RECOMMENDED USES

- As a primer for Resin Paint Concrete Repair
- As a primer for Resin Paint Epoxy Screed
- As a primer for Resin Paint UHD Screed
- As a primer for Resin Paint Cove FS

## PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
200 microns (per coat)	100 %	1 kg. & 2.5 kg.	1 X Base 1 X Hardener	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
1 Kg. will cover 4 m <sup>2</sup> @ 220 microns thickness	20 Minutes from mixing	8 hours or once surface has lost tackiness	12 -16 Hours	24 -36 Hours	Up to 7 Days

## Specification

Product : Resin Paint Primer TC

Finish : Gloss Finish

Thickness : 220 microns

Colour : Clear

## Products required for this system

Prime : Resin Paint Primer TC

System : one coat Resin Paint Primer TC at required thickness

Surface Seal : Not required

## Preparation

**New Concrete Floors:** New concrete must be clean, sound, dry and fully cured and surface laitance removed preferably by enclosed shot blasting or mechanical grinding, a minimum strength of 25N/mm<sup>2</sup> is required.

**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. Local repairs should be carried out using **Resin Paint Concrete Repair**

**Resin Paint Primer TC** can also be applied to existing coatings and to other cementitious screeds which should be clean and sound with an appropriate mechanical key for adhesion.

## Priming

Open, porous substrates may require priming with additional coat of **Resin Paint Primer TC**.

If the substrate appears very weak and dusts easily the matrix of the screed can be strengthened by installing **Resin Paint Binder** a low viscosity binder formulated for defective substrates. (Contact Resin Paint for further information).

If substrates do have moisture levels above 75% RH prime the surface with **Resin Paint Primer DPM** (number of coats dependent on moisture content).

## Application

The ambient temperatures of the areas should not be allowed to fall below 10°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. Surface temperature must be above 5°C.

Where possible it is recommended that the application area is heated to a minimum temperature of 15°C ideally to allow the ambient and substrate temperature to stabilise prior to installation.

**Mixing:** Pre-mix the base component to a uniform consistency then mix the entire contents of the base with the hardener. If a separate mixing bucket is being used mix thoroughly ensuring all contents of both components are removed from the buckets supplied. Mix using a slow speed electric mixer for approximately two minutes or until the two components have fully combined.

The mixed unit should be applied immediately by roller or brush with a consistent procedure.

Coverage rates will depend on profile and porosity of the substrate.

## Category Guide

FeRFA Category : 2

## Technical Information

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

Slip Resistance	Dry	N/A
Method BS7976 pt1-3 2002	Wet	

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 temperatures up to 60°C
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Chemical Resistance	Good Chemical Resistance Consult Resin Paint on specific materials
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Compressive Strength	n/a
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Flexural Strength	n/a
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Tensile Strength	n/a
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VOC	51 g/l Calculation based on a full mixed unit
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## Health and Safety

**Resin Paint Primer TC** 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 the Resin Paint Limited or its agents is based on the information supplied by the purchaser. Resin Paint 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.