



REF : RPLP 2025/02

# Resin Paint Level and Patch

## DESCRIPTION

Resin Paint Level and Patch is a pumped industrial underlayment base and wearing screed applied as a self-levelling industrial grade flooring system. It is extremely durable and functions as a pourable floor patch for and base or wearing screed in both industrial and commercial applications. Resin Paint Patch and Level can be applied by pump or by hand up to 50 mm's in thickness and be topped of if required with Resin Paint range of coatings and screeds.

## ADVANTAGES

- Single application screed
- Fast installations
- Excellent adhesion
- Moisture tolerant
- Suitable for resin finishes

## RECOMMENDED USES

- Engineering and manufacturing
- Warehousing
- Engineering workshops.
- Automotive & aviation areas.
- Factory units.

## PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
Upto 50mm plus in thickness	100 %	25kg.	1 X Bag	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	Application temperature	Light traffic	Full traffic	Full chemical cure
25 kg. unit will cover 2sq m at 7mm	20 Minutes from mixing	5°C - 25°C	4 Hours	36 Hours	Up to 5 Days

## Specification

Product : Resin Paint Level and Patch

Finish : Light smooth coloured finish

Thickness : Upto 50mm

Colour : natural

## Products required for this system

Prime : Resin Paint LP Primer / Prime DPM

System : Resin Paint Level and Patch

Surface Seal : Not required

## Preparation

The surface must be clean, sound, dry, fully cured and surface laitance removed by vacuum enclosed shot blasting or mechanical grinding, a minimum strength of 30N/mm<sup>2</sup> is required. Remove all dirt, oil, grease, old paint or any other surface contaminants.

## Priming

**Resin Paint LP Primer** is the recommended primer and this should be applied by roller, brush or spray where there are good drying conditions. 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 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. Applications should be in a thin uniform coating avoiding pooling of primer. The dry film should be a translucent colour.

## Priming

When mixing by hand pour 5 litres of clean ambient temperature water into a clean oversized bucket (20+ Ltrs), and then gradually add the **Resin Paint Level and Patch** 25 kg powder bag whilst mixing continually with an electric drill with power whisk. When all powder is added mix for a further 2 mins, keeping the whisk below the surface (to minimise air entrapment), until a lump free creamy material is attained. The product can then be poured into holes or onto the floor, using a smooth steel trowel, spread out to the desired application depth. A spiked roller can be used whilst the product is still fluid to minimise air entrapment and "marry" wet edges together to give a uniform finish.

## Joints

All joints within the subfloor that are designed for movement MUST be followed through the surface of the **Resin Paint Level and Patch** It is recommended that subfloor joints should be marked out prior to applying **Resin Paint Level and Patch** and re-established by disc cutting after 24 -48 hours. It is also recommended that a movement joint also be incorporated at all perimeters, columns and at door thresholds to ensure building movement does not result in the **Resin Paint Level and Patch** cracking.

## Category Guide

FeRFA Category : N/A

## Technical Information

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

Slip Resistance Dry > 60

Method BS7976 pt1-3 2002

Wet > 46

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 AR 0.5

Method BS8204 /ASTM D4060

Temperature Resistance Tolerant of temperatures of up to 80°C

Chemical Resistance Good Chemical Resistance  
Consult Resin Paint on specific materials

Compressive Strength 25N/mm<sup>2</sup> 1 days  
35N/mm<sup>2</sup> 7 days  
41N/mm<sup>2</sup> 28 days

Flexural Strength 7N/mm<sup>2</sup>

Life Expectancy 8 years plus  
Subjected to Industrial Traffic  
Resin Paint terms and conditions will apply

## Maintenance and Cleaning

Resin Paint recommends that Resin Paint Level and Patch should be cleaned with a regular industrial cleaning regime with a floor scrubber utilising Industrial Floor Cleaner or similar with dirty water being removed. Isolated localised cleaning can be carried out. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners. Please refer to the Resin Paint, Guide to Cleaning of Resin Floors

## Health and Safety

Resin Paint Level and Patch 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.