



REF : RPLM 2025/02

Resin Paint Line Marker

DESCRIPTION

Resin Paint Line Marker is a fast curing high-build epoxy coating system for application of demarcation lines, hazard warning logo's, hatching and direction for pedestrian and truck routing to floors at a thickness from 200 to 500 microns. The coloured high gloss finish is hard wearing and has good general chemical resistance. Resin Paint Line Marker can be applied to a wide variety of surfaces.

Resin Paint Line Marker is designed to be applied by brush, roller, tapes and markers with the minimum of creep, even on textured surfaces. Resin Paint Line Marker is available in a limited range of colours.

ADVANTAGES

- High-build line marking in one application
- Minimal creep at line edges
- Fast setting on curing
- Low odour solvent free
- Hygienic and easily cleaned
- Good colour stability

RECOMMENDED USES

- Food processing and beverage line marking
- Chemical plant room line marking
- Engineering workshop line marking
- Automotive & aviation line marking
- Factory unit line marking
- Excellent for all demarcation and walkways

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
200 microns to 500 microns (Per coat)	100 %	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
2.5 kg. will cover 60 linear metres @ 240 microns thickness 100mm wide	15 Minutes from mixing	4 - 5 hours or once surface has lost tackiness	8 -10 Hours	24 -36 Hours	Up to 7 Days

Specification

Product : Resin Paint Line Marker

Finish : Gloss Finish

Thickness : 200 to 500 microns

Colour : Available in limited colours

Products required for this system

Prime : Not required

System : Resin Paint LM 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/mm² 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**

Coated Surfaces: Prepare surface to ensure that there is an adequate mechanical key. Care should be taken to ensure compatibility between the existing surface and **Resin Paint Line Marker**.

Set out line markings as required marking positions with tape or chalk as appropriate. Ensure that all surfaces are prepared before mixing, and only mix materials as required

Priming

Not normally required. Open, porous substrates may require priming with **Resin Paint Primer**.

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).

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 coloured base component to a uniform consistency then mix the entire contents of the base with the hardener. Mix using a slow speed electric mixer for approximately two minutes or until the two components have fully combined.

Application methods should be selected based on the size and area to be covered, and the thickness of the line to be applied. Short or medium pile good quality rollers or brushes should be used. Remove tapes shortly after application, by pulling across the line. Do not hold bulk materials in a pot or scuttle, as this increases the rate of reaction reducing the working time. Ensure that rollers are changed regularly to prevent cure of materials in the roller.

Resin Paint Line Marker is not normally recoated, if required re-coat as soon as the surface is tack free (i.e. 4 hours onwards). For the best inter-coat adhesion **Resin Paint** should be applied not later than 24 hrs after previous coatings.

Category Guide

FeRFA Category : 3

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 45°C
Chemical Resistance		Good Chemical Resistance Consult Resin Paint on specific materials
Compressive Strength		n/a
Flexural Strength		n/a
Tensile Strength		n/a
VOC		197 g/l Calculation based on a full mixed unit
Life Expectancy		3-4 years plus Subjected to Industrial Traffic Resin Paint terms and conditions will apply

Maintenance and Cleaning

Resin Paint recommend that **Resin Paint Line Marker** should be cleaned with a regular industrial cleaning regime with a floor scrubber utilising **Industrial Floor Cleaner** or similar with dirty water being removed.

All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

Health and Safety

Resin Paint Line Marker 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.