



A **SHERWIN-WILLIAMS** Company



REF : PRZP 2016 06

Resuprime ZP

DESCRIPTION

Resuprime is a two-pack solvent-free epoxy resin zinc phosphate priming coat, designed for easy application, with good surface wetting properties.

Resuprime ZP is principally designed to bond thin section resin based screeds and toppings to steel and ferrous structures.

ADVANTAGES

- Excellent adhesion to prepared metal
- Versatile for varied applications
- Low odour
- Solvent free
- Ease of application

RECOMMENDED USES

- As a metal primer for metal mezzanine areas, bridge decks, loading bays and ramps
- As a metal primer for Resucrete
- As a metal primer for Resuscreed 43 & 50
- As a metal primer for Resuscreed Quartz
- As a metal primer for Resuflor
- As a metal primer for R.S. Terrazzo
- As a metal primer for R.S. Terrain

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
200 microns	100%	5 kg.	1x 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
5 kg. will cover 20 m ² @ 200 microns thickness	30 Minutes from mixing	6 hours or once surface has lost tackiness	24 Hours	34 -36Hours	Up to 7 Days



Specification

Product : Resuprime ZP

Finish : Grey Gloss

Thickness : 200 microns

Colour : Grey

Products required for this system

Prime : Resuprime ZP

System : As specified

Surface Seal : As specified

Preparation

Resuprime ZP provides excellent adhesion both as a tack coat and primer.

All surfaces should be thoroughly cleaned to remove oils and grease, ideally shot-blasted to SA 2.5 or better (Bright Steel), or mechanically abraded to remove all rust, mill scale, loose or flaky paint. Compatibility tests should be undertaken prior to over-coating existing paint, please consult RSL's Technical Department.

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: 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. Floor areas should be cross-rolled to ensure even application and to minimise roller marks.

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	n/a

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 RSL.

Abrasion Resistance	n/a
Method BS8204 /ASTM D4060	

Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
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Chemical Resistance	Good Chemical Resistance Consult RSL 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	73 g/l Calculation based on a full mixed unit
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Health and Safety

Resuprime ZP 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 Surfaces Limited or its agents is based on the information supplied by the purchaser. Resin Surfaces 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.