



Resuprime ZP

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DESCRIPTION

Resuprime ZP is a two-pack, high solids epoxy resin zinc phosphate primer 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

- Versatile for varied applications
- High solids
- Low odour
- Excellent adhesion to prepared metal
- Ease of application

RECOMMENDED USES

- Anti-corrosion primer for Sherwin-Williams flooring products
- Mezzanine areas
- Bridge decks
- Loading bays
- Ramps
- Stairs

PRODUCT INFORMATION

System Thickness (Recommended)	200-250 microns WFT 184-230 microns DFT *The suggested thickness range is calculated based on average volume solid as a general recommendation for the specified condition and for each application may vary.
Solids Content by Weight	94%
Solids Content by Volume	92%
Pack Sizes	5 kg
Pack Make Up	1 x Base 1 x Hardener
Shelf Life	36 months (Base & Hardener)
Storage	Keep out of direct sunlight. Store in a dry place, between 15°C and 30°C.

APPLICATION INFORMATION at 20°C

Coverage Rate (Theoretical)	5 kg will cover 18m ² at 200 microns WFT * Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.
Pot Life	30 minutes
Recoating Intervals	6-8 hours or once surface has lost tackiness
Light Traffic	6-8 hours
Full Traffic	24-36 hours
Full Chemical Cure	7 days



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Specification

Product : Resuprime ZP

Finish : Smooth gloss

Recommended thickness range : 200-250 microns WFT per coat

Colour : Grey

Products required for this system

Primer : Resuprime ZP

System : As per specification

Surface Seal : As per specification

Preparation

All surfaces should be thoroughly cleaned to remove all contaminants 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, for further information please consult Sherwin-Williams Technical Department.

Application

The ambient temperatures of the areas should not be allowed to fall below 15°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 10°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.

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 .

Temperature Resistance	Tolerant of temperatures up to 60°C
VOC	80 g/l calculated per full mixed unit
Life Expectancy	Dependant on floor system.

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 Sherwin-Williams or its agents is based on the information supplied by the purchaser. Sherwin-Williams 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.