



# New Guard Coatings Group

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

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# Resuprime ZP

Revised 09/2019—Issue 3 : REF : PRZP 2016

## 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

<b>System Thickness (Recommended)</b>	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.
<b>Solids Content by Weight</b>	94%
<b>Solids Content by Volume</b>	92%
<b>Pack Sizes</b>	5 kg
<b>Pack Make Up</b>	1 x Base    1 x Hardener
<b>Shelf Life</b>	36 months (Base & Hardener)
<b>Storage</b>	Keep out of direct sunlight. Store in a dry place, between 15°C and 30°C.

## APPLICATION INFORMATION at 20°C

<b>Coverage Rate (Theoretical)</b>	5 kg will cover 18m <sup>2</sup> 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.
<b>Pot Life</b>	30 minutes
<b>Recoating Intervals</b>	6-8 hours or once surface has lost tackiness
<b>Light Traffic</b>	6-8 hours
<b>Full Traffic</b>	24-36 hours
<b>Full Chemical Cure</b>	7 days



BRITISH COATINGS FEDERATION



## 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

## 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.

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