

NZDU00507 Dulux Luxaprime Zinc Phosphate

Introduction

Approvals
AS 3750.19 Type 2

Description and Image

DULUX LUXAPRIME® Zinc Phosphate oil modified polyurethane based primer is a one pack product which contains zinc phosphate and micaceous iron oxide pigments. The primer is highly resistant to moisture and gives superior performance over power or hand tool cleaned surfaces compared to conventional ROZP primers. The high build nature of the product allows up to 75 microns DFT in one coat.

Features and Benefits

- Contains zinc phosphate
- Micaceous iron oxide
- High build primer
- Primer/finish coat
- Non toxic anti-corrosive pigment.
- Superior protection and moisture resistance.
- Allows heavy (75 um DFT) one coat application.
- Can be left as topcoat.

Uses





LUXAPRIME® Zinc Phosphate is recommended as a primer or primer finish over steel, especially in circumstances where surface preparation is limited to power or hand tool clean standards. Abrasive blast cleaning is always recommended where it can be justified on economic or practical grounds.

LUXAPRIME® Zinc Phosphate is typically used on bridges, cranes, towers, tanks and roofs and especially as a primer-finish in environmental colours on general structural steelwork such as warehouses and factories.

Precautions and Limitations

This is an industrial product designed for use by experienced Protective Coating applicators. Where conditions may require variation from the recommendations on this Product Data Sheet contact your nearest Dulux representative for advice prior to painting. Do not apply in conditions outside the parameters stated in this document without the express written consent of Dulux New Zealand. Do not apply at temperatures below 10°C. Do not apply at relative humidity above 85% or when the surface is less than 3°C above the dewpoint. Do not overcoat before the minimum overcoat interval or wrinkling may occur. The surface can be marked for several days after application. Abrasive blast cleaned surfaces must be primed within 4 hours. When overcoating with approved two pack finishes or with finishes containing aggressive solvents, a drying period of at least 72 hours at 25°C is recommended. If unsure of the result lightly sand and test a small area before completing the major work.

Performance Guide	
Weather On exterior exposure some chalking may also occur. This will not detract from the protective properties of the coating. Use a weatherable topcoat if required for appearance.	Salt Excellent resistance to splash and spillage of neutral salt solutions.
Heat Resistance Up to 120C (dry)	Water Resists rain and condensation. Not recommended for permanently damp or immersed exposure.
Solvent Withstands intermittent splash and spillage of aliphatic and aromatic hydrocarbons.	Abrasion Good when fully cured.
Acid Not recommended where fumes, splash or spillage of acids may occur.	Alkali Not recommended where fumes, splash or spillage of alkalis may occur.

Typical Properties	
Gloss Level Metallic lustre.	Thinner DULUX CR Reducer (965-63020)
Colour Dark Blue, Light Grey.	
Components 1	
Shelf Life 12 months minimum @ 25C	
Clean Up Description Clean all equipment with DULUX CR Reducer (965-63020)	
Application Methods <div>  Air Spray  Airless Spray  Brush  Roller </div>	
Application Conditions	Solids by Volume <div>45</div>
	<div>MinMaxRecommended</div>
Wet Film Per Coat (microns)	<div></div> <div></div> <div>165</div>
Dry Film Per Coat (microns)	<div></div> <div></div> <div>75</div>
Recoat Time (min/hours)	<div>24 Hours</div> <div>Indefinite</div> <div></div>
Theoretical Spread Rate (m²/L)	<div></div> <div></div> <div>6</div>

Health and Safety

Using Safety Precautions

Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator. When spray painting, users should comply with the provisions of the respective State Spray Painting Regulations.

Please refer to SDS Link. In case of emergency, please call 0800 220 770.

Transport and Storage

UN Number

1263

Dangerous Goods Class

3a

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Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from www.duspecplus.co.nz. Climatic conditions at application time can affect product suitability and performance.

The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.