

NZDU00466 Dulux Luxepoxy 4 White Primer

Description and Image

DULUX LUXEPOXY 4 White Primer is a non inhibitive two pack solvent borne primer based on an epoxy resin and polyamide curing agent.

Features and Benefits

- Non toxic pigments
- Universal primer
- Used for food, beverage and water contact with topcoat.
- Apply over galvanised steel, non ferrous metals, concrete and timber.

Uses

DULUX LUXEPOXY 4 White Primer is recommended on all galvanised steel, non ferrous metals, concrete and timber as the primer for high performance epoxy, polyurethane, enamels and water borne acrylics. It displays the same high degree of solvent, chemical and abrasion resistance as LUXEPOXY 4 Finish.

LUXEPOXY 4 White Primer is typically used over appropriate substrates in the chemical and petroleum industry, food and beverage plants, abattoirs, canneries and in conjunction with inorganic zinc as a lining for steel potable water storage tanks.

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. Freshly mixed material must not be added to material that has been mixed for some time. The rate of cure is dependent upon temperature. 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. When used for immersion conditions the maximum overcoat interval is 3 days at 25°C. The coating **MUST** be fully cured and solvent free prior to being placed under immersion conditions

Performance Guide

Weather Epoxy coatings may yellow with time. 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 all neutral and alkaline salt solutions.
Heat Resistance To 105C (dry).	Water Suitable for immersion in fresh or salt water when suitably topcoated.
Solvent Resists splash and spillage of most common alcohols, aliphatic and aromatic hydrocarbons.	Abrasion Excellent resistance when fully cured.
Acid Suitable for splash and spillage exposure to weak solutions of inorganic acids.	Alkali Excellent resistance to splash and spillage of most common alkalis.

Typical Properties

Gloss Level
Low Gloss

Thinner
DULUX Prothinner 400

Colour
White

Components
2

Shelf Life
12 months @ 25 deg/C

Mixing Ratio
Two, 4 pt A: 1 pt B: by volume

Pot Life
8 Hours at 25C

Clean Up Description
Clean all equipment with DULUX Prothinner 400

Application Methods

Application Conditions

Solids by Volume

43

Min

Max

Recommended

Wet Film Per Coat (microns)

125

Dry Film Per Coat (microns)

50

Recoat Time (min/hours)

8 Hours

Indefinite

Theoretical Spread Rate (m²/L)

8.6

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
UN Number	1263
Dangerous Goods Class	3b

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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.