

NZDU00467 Dulux Durepon® FRX Semi Gloss

Description and Image

DUREPON® FRX Primer is a two pack epoxy cold cure/fast recoat high performance anticorrosive primer. DUREPON® FRX provides such properties as excellent adhesion on blast cleaned steel, excellent corrosion resistance properties and rapid dry times, with the ability to cure at temperatures down to 0°C.

Features and Benefits

- Low temperature cure
- Fast to recoat
- Contains High Levels Zinc Phosphate
- Easy application
- Faster turnaround at low temperatures
- Top coats can be applied within a few hours even at low temperatures
- Provides excellent, non-toxic corrosion protection
- Recommended for maintenance painting

Uses

DUREPON® FRX Primer is a suitable primer for all kinds of steel fabrication in industries that require heavy duty coatings, particularly when cure temperatures are low. It is useful as a tie-coat over inorganic zinc primers and will accept a wide range of topcoats (also self recoatable) even after long weathering periods. DUREPON® FRX Primer is normally overcoated with epoxy, polyurethane or acrylic finishes depending upon end requirements.

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® Australia. 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 relative humidity above 85% or when the surface is less than 3°C above the dewpoint. In hot conditions above 30°C Dulux Prothinner can be used to improve application. Do not use as a primer over galvanised steel as delamination can occur.

Performance Guide

Weather Withstands exterior exposure when suitably topcoated.	Salt Unaffected by splash and spillage of neutral and alkaline salt solutions.
Heat Resistance Up to 120°C dry heat	Water Suitable for immersion in fresh and salt water when suitably topcoated.
Solvent Resists splash/spillage of most hydrocarbon solvents, ref.petroleum products and common alcohols.	Abrasion Good when fully cured.
Acid Suitable for splash and spillage exposure to weak inorganic acids.	Alkali Excellent resistance to splash and spillage of most common alkalies.

Typical Properties

Gloss Level
Semi-gloss

Thinner
Use only Dulux Prothinner 400 (965-63021)

Colour
Grey (410-82619)

Components
2

Shelf Life
12 months @ 25°C

Mixing Ratio
6 pt A : 1 pt B by volume

Pot Life
6 Hours @ 25°C

Clean Up Description
Cleanup immediately with Prothinner 400 (965-63021)

Application Methods



Air Spray



Airless Spray



Brush



Roller

Application Conditions

Solids by Volume

62

Min

Max

Recommended

Wet Film Per Coat (microns)

125

Dry Film Per Coat (microns)

75

Recoat Time (min/hours)

1.5 Hours

Indefinite*

Theoretical Spread Rate (m²/L)

8.3

Health and Safety

Using Safety Precautions

For detailed information refer to the product label and the current Material Safety Data Sheet available through Dulux Sales and Customer Service offices.

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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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.