

## NZDU00547 Dulux Luxafloor ECO2 Eggshell

### Description and Image

LUXAFLOOR ECO2 is a low build, water borne, two pack epoxy floor coating that provides a hardwearing surface. It is ideal for use in areas subject to foot traffic. Can be applied as a slip resistant finish to provide maximum safety by using a suitable aggregate. Refer to Product Data Sheet NZDI1413 LUXAFLOOR Aggregate. LUXAFLOOR ECO2 is ideal for use in internal floor areas where the odour of conventional epoxy floor coatings prevents their use.

### Features and Benefits

- Extremely tough film.
- Water borne epoxy floor coating in a selected range of colours.
- Excellent adhesion to concrete.
- Good chemical resistance.
- Low VOC - less than 10g/l.
- Low odour.
- Hard wearing.
- Water borne

### Uses

Suitable for interior and exterior concrete floors.

### Precautions and Limitations

This is an industrial product designed for use by experienced coating applicators. Where conditions may require variation from the recommendation on this Product Data Sheet contact your Dulux representative or the call Dulux Customers Services 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 use any product past its pot life. Product past its pot life may still appear fit for use but will develop substantially reduced gloss and may show excessive brittleness. Freshly mixed material must not be added to material that has been mixed for some time. The rate of cure is dependant upon temperature. Do not apply at temperatures below 5 Deg C or where the surface temperature is below 5 Deg C. Do not apply at relative humidity above 85% or when the surface is less than 3 Deg C above the dewpoint. Product should be protected against ponding water for 24 hours after application. After this period ponding water may cause temporary lightening of the colour which will recover after the surface is dried. When applying this product to broad surfaces such as floors use only one application method to avoid colour variation.

### Performance Guide

<b>Weather</b> <b>Some chalking and yellowing will occur with exterior exposure if not top coated. This will not detract from the resistance properties of the coating.</b>	<b>Salt</b> <b>Unaffected by splash and spillage of neutral and alkaline salt solutions.</b>
<b>Heat Resistance</b> <b>Up to 120 Deg C dry heat.</b>	<b>Water</b> <b>Excellent resistance to fresh and salt water.</b>
<b>Solvent</b> <b>Resists splash and spillage of aromatic and aliphatic hydrocarbon solvents and alcohols.</b>	<b>Abrasion</b> <b>Excellent when fully cured.</b> <b>CS-17 Wheels 120mgm/1000 cycles.</b> <b>(Taber Abraser 1000gm load/wheel)</b>
<b>Acid</b> <b>Suitable for splash and spillage exposure to dilute acids.</b>	<b>Alkali</b> <b>Excellent resistance to splash and spillage of most alkalis.</b>

### Typical Properties

Gloss Level  
**Eggshell**

Thinner  
**Not recommended**

Colour  
**Selected range of factory made and tinted colours.**

Components  
**2**

Mixing Ratio  
**Part A: 1 Part B: 2 by volume**

Pot Life  
**2 hours (10L Pack, 25 Deg C)**

Clean Up Description  
Clean up water & methylated spirits

### Application Methods



**Air Spray**



**Airless Spray**



**Brush**



**Roller**

### Application Conditions

### Solids by Volume

**42**

	Min	Max	Recommended
Wet Film Per Coat (microns)			<b>155</b>
Dry Film Per Coat (microns)			<b>65</b>
Recoat Time (min/hours)	<b>4 Hours</b>	<b>48 Hours</b>	
Theoretical Spread Rate (m <sup>2</sup> /L)			<b>6.5</b>

### 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.**

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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](http://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.

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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.