

## NZDU00489 Dulux Enviropoxy WBE Semi Gloss

### Description and Image

DULUX Enviropoxy WBE is a high performance water based acrylic epoxy topcoat that has been developed especially for Australasian conditions. It displays superior gloss retention and resistance to chalking and yellowing compared to traditional solvent based epoxies.

### Features and Benefits

- Low odour
- Good exterior durability
- Improved application properties
- Tintable
- Environmentally & user friendly
- Superior gloss /colour retention vs traditional solvent based epoxies.
- Ease of application via brush, roller and spray methods
- Available in an extensive range of pastel colours.

### Uses

ENVIROPOXY WBE, with its very low odour is ideal for use in areas such as treatment and operating rooms in hospitals, doors and door jams in schools and commercial areas, wineries, pharmaceutical plants and the food and beverage industry.

### 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.

### Performance Guide

<b>Weather</b> <b>Good gloss and colour retention on exterior exposure. Some colours may chalk on exterior exposure.</b>	<b>Salt</b> <b>Excellent resistance to neutral, acid and alkali salts.</b>
<b>Heat Resistance</b> <b>Up to 90C continuous dry heat. 120 Deg. C intermittent dry heat.</b>	<b>Water</b> <b>Excellent resistance to fresh and salt water but not suitable for immersion.</b>
<b>Solvent</b> <b>Resists most alcohols and cleaning solutions, however prolonged exposure must be avoided.</b>	<b>Abrasion</b> <b>Good when fully cured.</b>
<b>Acid</b> <b>Suitable for splash and spillage exposure to weak solutions of inorganic acids.</b>	<b>Alkali</b> <b>Excellent resistance to splash and spillage of weak solutions of most common alkalis.</b>

### Typical Properties

Gloss Level  
**Semi gloss**

Thinner  
**Water**

Colour  
**White, and a range of pastel colours using the Decorama tint system.**

Components  
**2**

Shelf Life  
**12 months minimum @ 25C**

Mixing Ratio  
**9 pt A : 1 pt B by volume**

Pot Life  
**8 hours (4l, 25 Deg.C)**

Clean Up Description  
Clean all equipment with warm water.

### Application Methods



**Air Spray**



**Airless Spray**



**Brush**



**Roller**

### Application Conditions

### Solids by Volume

**38**

### Min

### Max

### Recommended

Wet Film Per Coat (microns)



**130**

Dry Film Per Coat (microns)



**50**

Recoat Time (min/hours)

**4 Hours**

**4 Weeks**

Theoretical Spread Rate (m<sup>2</sup>/L)



**7.6**

### 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	NA
Dangerous Goods Class	N/A
UN Number	N/A
Dangerous Goods Class	N/A

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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](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.

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.