

## NZDU01661 Dulux Enviropoxy WBE Semi Gloss on Painted Timber trim [Interior]

### Scope of Works

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.

### Substrate and Substrate Preparation

#### Substrate Notes

New dressed timber should be delivered in a clean dry condition, just prior to installation. The timber should be inspected for physical defects, such as splinters, cracks, woolly grain, machine marks and knot holes as well as sap and tannin stains, resin exudation from knots, wax or preservatives. Moisture content should be close to equilibrium, usually 10-17% for satisfactory staining or coating. Timber should be stored out of the weather in clean, dry conditions before painting. Timber left exposed to the weather for as little as 7 days for some species prior to painting will suffer from degradation and reduced paint adhesion and durability.

Aged timber should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, dirt and other surface contamination. These defects should be rectified prior to painting. Degraded timber should be sanded back to as-new condition before painting.

Some timbers such as meranti, merbau, kwila, western red cedar and tallowwood contain high levels of tannin which may bleed through water-based coatings and require an effective tannin-blocking primer to seal the tannins in the wood.

#### Substrate Preparation Notes

##### Assess suitability

Inspect to determine the degree of deterioration of existing coatings and presence of decayed timber. Check coating adhesion using the cross-hatch adhesion test; if coating fails, it must be removed.

##### Clean surface

Clean to remove all dirt, dust, wax and all other surface contaminants using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.

##### Repair surface imperfections

Remove paint that is poorly adhering, or showing signs of deterioration such as cracking, peeling or flaking by sanding, power sanding, scraping, wire brushing or a water based paint stripper strictly in accordance with the manufacturer's instructions.

Feather edges of any remaining sound paint to completely remove visual ridges and wash or dust off to remove debris. Fill nail holes, cracks and other defects with a suitable water based wood filler and allow to dry thoroughly. Any major design faults or decayed timber leading to structural weakness must be corrected prior to repainting.

##### Sand surface

Sand the entire cleaned surface to an even flat gloss level to provide a smooth, uniform surface and to provide a good key for the new coating system.

##### Prime

Spot prime bare timber with the spot primer nominated in the Coating System.

Note: If Staining: Timber must be sanded back to clean bare timber. All coatings must be removed.

Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-14% before staining or finishing can commence.

### Coating System Summary

- |               |                                 |
|---------------|---------------------------------|
| • Spot Primer | Dulux Luxepoxy 4 White Primer   |
| • 1st Coat    | Dulux Enviropoxy WBE Semi Gloss |
| • 2nd Coat    | Dulux Enviropoxy WBE Semi Gloss |

**Coating System**

**Spot Primer — Dulux Luxepoxy 4 White Primer**

Coat Type  
**Spot Primer**

Datasheet  
**NZDU00466 Dulux Luxepoxy 4 White Primer**

Read the full Datasheet details at [Dulux Luxepoxy 4 White Primer](#)

Application Methods



**Air Spray**



**Airless Spray**



**Brush**



**Roller**

	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /L)	<input type="text"/>	<input type="text"/>	<b>8.6</b>
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<b>125</b>
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<b>50</b>
Recoat Time **	<b>8 Hours</b>	<b>Indefinite</b>	<input type="text"/>

Meets ECNZ V.O.C. Requirements?  
**Not Applicable**

**1st Coat — Dulux Enviropoxy WBE Semi Gloss**

Coat Type  
**1st Coat**

Datasheet  
**NZDU00489 Dulux Enviropoxy WBE Semi Gloss**

Read the full Datasheet details at [Dulux Enviropoxy WBE Semi Gloss](#)

Application Methods



**Air Spray**



**Airless Spray**



**Brush**



**Roller**

	Min	Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /L)	<input type="text"/>	<input type="text"/>	<b>7.6</b>
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<b>130</b>
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<b>50</b>
Recoat Time **	<b>4 Hours</b>	<b>4 Weeks</b>	<input type="text"/>

Meets ECNZ V.O.C. Requirements?  
**Not Applicable**





**2nd Coat — Dulux Enviropoxy WBE Semi Gloss**

Coat Type  
**2nd Coat**

Datasheet  
**NZDU00489 Dulux Enviropoxy WBE Semi Gloss**

Read the full Datasheet details at [Dulux Enviropoxy WBE Semi Gloss](#)

Application Methods

	 Air Spray	 Airless Spray	 Brush	 Roller
	Min		Max	Recommended
Theoretical Spread Rate (m <sup>2</sup> /L)	<input type="text"/>		<input type="text"/>	<b>7.6</b>
Wet Film Per Coat (microns)	<input type="text"/>		<input type="text"/>	<b>130</b>
Dry Film Per Coat (microns)	<input type="text"/>		<input type="text"/>	<b>50</b>
Recoat Time **	<b>4 Hours</b>		<b>4 Weeks</b>	
Meets ECNZ V.O.C. Requirements? <b>Not Applicable</b>				
Coating System Notes * Theoretical Coverage is the area is the area covered by 1 Litre of material at the specifiction 'Dry Film Thickness' without a loss to a smooth and non porous surface.				

#### Disclaimer

This Specification is copyright to DuluxGroup (Australia) Pty Ltd and/or DuluxGroup (New Zealand) Pty Ltd (collectively, 'Dulux'). It may not be varied or altered without the prior written consent of Dulux, and if it is, Dulux has no responsibility or liability for those variations.

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

Any information provided in this Duspec+ 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 Duspec+ document, 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 Duspec+ document, and as recommended on the applicable Dulux Product Data Sheet and 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 Duspec+ documentation suitability and product 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 Specification 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.