

NZDU01664 Dulux Enviropoxy WBE Semi Gloss on New 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

Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants.

Clean surface

Scrape off and remove surface contaminants by paint scraper. Remove stains, dirt, wax, grease and oil with solvent. Treat mould with a suitable mould treatment.

Repair surface imperfections

Fill nail holes, cracks and other defects with a suitable water based wood filler and allow to dry thoroughly.

Sand surface

Sand the surface smooth using 180 - 240 grit sandpaper. Sand only in the direction of the grain. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage. Remove all traces of sanding dust.

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

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|------------|---------------------------------|
| • 1st Coat | Dulux Luxepoxy 4 White Primer |
| • 2nd Coat | Dulux Enviropoxy WBE Semi Gloss |
| • 3rd Coat | Dulux Enviropoxy WBE Semi Gloss |

Coating System			
1st Coat — Dulux Luxepoxy 4 White Primer			
Coat Type 1st Coat	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 ² /L)	<input type="text"/>	<input type="text"/>	8.6
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	125
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	50
Recoat Time **	8 Hours	Indefinite	
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 ² /L)	<input type="text"/>	<input type="text"/>	7.6
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	130
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	50
Recoat Time **	4 Hours	4 Weeks	
Meets ECNZ V.O.C. Requirements? Not Applicable			

3rd Coat — Dulux Enviropoxy WBE Semi Gloss			
Coat Type 3rd 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 ² /L)	<input type="text"/>		<input type="text"/>	7.6
Wet Film Per Coat (microns)	<input type="text"/>		<input type="text"/>	130
Dry Film Per Coat (microns)	<input type="text"/>		<input type="text"/>	50
Recoat Time **	4 Hours		4 Weeks	<input type="text"/>
Meets ECNZ V.O.C. Requirements? Not Applicable				
Coating System Notes * Theoretical Coverage is the area is the area covered by 1 Litre of material at the specification 'Dry Film Thickness' without a loss to a smooth and non porous surface.				

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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.