NZDU01655 Dulux Enviropoxy WBE Semi Gloss on Painted Paperfaced Plasterboard [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

White plaster is the main ingredient in paperfaced plasterboard and other similar materials. They are generally used for interior ceilings and walls.

PAPERFACED PLASTERBOARD (eg GIB® Board)
Paperfaced plasterboard is set plaster sandwiched between cardboard faces. The edges are recessed to allow the joints to be flushed with cornice cement or plaster compound. Paperfaced plasterboard should be flat and smooth on jointed areas, free of dust and have undamaged paper surfaces.
Ensure paper has not been scuffed by sanding at jointed areas. Poor flushing of the joints or inadequate priming will cause visual "banding" when painted. Ensure a high quality of levelling and sufficient priming to unify surface porosity.
Note: This specification is for plasterboard, not fibrous or set plaster.

Substrate Preparation Notes

ASSESS SUITABILITY
Inspect to determine the degree of deterioration of existing coatings and substrate. Identification of the existing coating is also very helpful in determining the repaint system. Check coating adhesion using the cross-cut adhesion test, carried out in various locations.

REMOVE SURFACE CONTAMINANTS
Remove all surface contamination such as oil, grease or dirt by alkaline detergent solution wash, such as Dulux Prep Wash, using stiff bristle brush if necessary, and rinse with fresh potable water. Repeat until the surface is clean. A clean surface is indicated when the rinsing water wets out the surface instead of beading on the surface.

REPAIR SURFACE IMPERFECTIONS
Prepare all areas that have poor adhesion, are cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing or burning off as appropriate. Feather edges of the surrounding sound paint to completely remove visual ridges and wash / dust off to remove debris. Any major design faults leading to structural failure must be corrected prior to repainting.

SANDING
Sand the entire cleaned coating to an even flat gloss level to provide a smooth, even surface and to provide a good key for the new coating system to adhere to. Ensure all sanding dust is removed prior to continuing.

PRIME
Spot undercoat any bare areas with a suitable primer.

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	Datasheet
Spot Primer	**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 (m²/L)			8.6
Wet Film Per Coat (microns)			125
Dry Film Per Coat (microns)			50
Recoat Time **	8 Hours	Indefinite	

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

1st Coat — Dulux Enviropoxy WBE Semi Gloss

Coat Type	Datasheet
1st Coat	**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 (m²/L)			7.6
Wet Film Per Coat (microns)			130
Dry Film Per Coat (microns)			50
Recoat Time **	4 Hours	4 Weeks	

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

2nd Coat — Dulux Enviropoxy WBE Semi Gloss

Coat Type	Datasheet
2nd Coat	**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 (m²/L)			7.6
Wet Film Per Coat (microns)			130
Dry Film Per Coat (microns)			50
Recoat Time **	4 Hours	4 Weeks	

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

Coating System Notes
* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°c and 50% relative humidity, these may vary under different conditions.

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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.