

NZPR00135 Dulux Professional SteriGuard Low Sheen on Painted Paperfaced Plasterboard [Interior]

Description

Dulux Professional SteriGuard Durable Acrylic Low Sheen is a premium, hard wearing and chemical resistant interior water based product designed to withstand general cleaning cycles in clinical environments.

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 1 Step Prep Water Based Primer Sealer Undercoat |
| • 1st Coat | Dulux Professional SteriGuard Low Sheen |
| • 2nd Coat | Dulux Professional SteriGuard Low Sheen |

Coating System			
Spot Primer — Dulux 1 Step Prep Water Based Primer Sealer Undercoat			
Coat Type Spot Primer	Datasheet NZDU00432 Dulux 1 Step Prep Water Based Primer Sealer Undercoat		
Read the full Datasheet details at Dulux 1 Step Prep Water Based Primer Sealer Undercoat			
Application Methods			
<div>  Air Spray  Airless Spray  Brush  Roller </div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	14
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	71
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	31
Recoat Time **	2 Hours	<input type="text"/>	<input type="text"/>
V.O.C. Level < 40g/L untinted		Meets ECNZ V.O.C. Requirements? Not Applicable	
Coating Application Details Brush, roller, conventional or airless spray. ROLLER: Using a medium nap roller apply a full even coat direct from the container and finish by light parallel strokes with a dry roller. Stir contents thoroughly before and during use. AIRLESS/CONVENTIONAL SPRAY: Suitable for application by all standard spray equipment. If necessary thin with up to 100ml per litre of water to aid atomisation. BRUSH: Wet brushes with water prior to use to avoid clogging. Apply a full even coat direct from the container. When painting exterior surfaces, ensure topcoat is applied no more than one week after application.			
SDS Number DLXNZLEN002997		SDS Link View SDS Link	

1st Coat — Dulux Professional SteriGuard Low Sheen			
Coat Type 1st Coat	Datasheet NZPR00103 Dulux Professional SteriGuard Low Sheen		
Read the full Datasheet details at Dulux Professional SteriGuard Low Sheen			
Application Methods			
<div>  Air Spray  Airless Spray  Brush  Roller </div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	16
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	63
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	25
Recoat Time **	2 hours	Indefinite	<input type="text"/>
V.O.C. Level <16 g/L		Meets ECNZ V.O.C. Requirements? Yes	

		Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.
<p>Coating Application Details</p> <p>BRUSH, ROLLER, SPRAY</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>BRUSH/ROLLER: Use a medium nap roller. Pre-wet brushes and roller with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than 3 minutes.</p> <p>Thinning is not usually required; however, if necessary thin with up to 50 mL of water per litre to ease application under hot conditions.</p> <p>AIRLESS/CONVENTIONAL SPRAY: Suitable for application by all standard spray equipment. For conventional spraying, up to 125 mL of water per litre may be added to aid atomisation. For airless spraying, up to 30 mL of water per litre may be added to aid atomisation.</p>		
SDS Number	DLXNZ7EN004426	SDS Link View SDS Link

2nd Coat — Dulux Professional SteriGuard Low Sheen

Coat Type 2nd Coat		Datasheet NZPR00103 Dulux Professional SteriGuard Low Sheen	
Read the full Datasheet details at Dulux Professional SteriGuard Low Sheen			
Application Methods			
<div><div> Air Spray</div><div> Airless Spray</div><div> Brush</div><div> Roller</div></div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	16
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	63
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	25
Recoat Time **	2 hours	Indefinite	<input type="text"/>
V.O.C. Level <16 g/L		Meets ECNZ V.O.C. Requirements? Yes Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product’s raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.	
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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.