

NZDU00612 Dulux Ceiling White +Plus Kitchen & Bathroom on Painted Precast, Tilt-up and Off Form Concrete [Interior]

Scope of Works

DULUX Ceiling White +PLUS Kitchen & Bathroom is an advanced whole-of-home ceiling formulation with Mouldshield® protection. It is tintable to light colours and has superior opacity to provide excellent hiding power, making it perfect for the whole home.

Substrate and Substrate Preparation

Substrate Notes

For other masonry and cementitious substrates (such as concrete block) please use the Masonry substrate.

OFF FORM CONCRETE

Off-form Concrete is produced by placing suitable forms and shoring to hold the wet concrete into the required shape. Reinforcements are placed within or on the formwork to give concrete its strength. Once the formwork and shoring are removed the result is the off form concrete.

TILT UP

Tilt-up concrete is derived simply from the method of construction, wall panels are cast on a horizontal surface that then require lifting, and tilting vertically into their final position. Construction is commenced with the laying of the structures foundation and floor slab, wall panels are then cast on the floor one on top of each other in a stack arrangement.

PRE-CAST

Pre-Cast concrete are concrete panels that are cast on horizontal vibrating beds that are then cured in racks that are delivered to site that then require lifting, and positioned into their final position.

Substrate Preparation Notes

ASSESS SUITABILITY

Inspect to determine the degree of deterioration of existing coatings. 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

Clean to remove all dirt, dust, efflorescence, laitance, powdery surfaces, mould and all other surface contaminants by using a suitable cleaning agent, such as Dulux Prep Wash and rinsing/water blasting clean with water. Water blasting will also give a good indication as to the coatings integrity. Efflorescence may also be removed with an acid treatment, followed by washing down the surface with water.

REPAIR SURFACE IMPERFECTIONS

Prepare all areas that have poor adhesion, cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing, grit blasting, burning off or chemical stripping as appropriate, to leave a clean surface. 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. Use an acrylic based patching compound with the addition of 10-20% fresh Portland cement to patch any surface defects.

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 prime any exposed areas with a suitable water based primer, unless a more penetrating solvent based primer is required.

ADDITIONAL NOTES:

- Ensure all previously painted enamel finishes are thoroughly abraded to ensure adequate adhesion of subsequent coating system.

Coating System Summary

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|---------------|---|
| • Spot Primer | Dulux 1 Step Prep Water Based Primer Sealer Undercoat |
| • 1st Coat | Dulux Ceiling White +Plus Kitchen & Bathroom |
| • 2nd Coat | Dulux Ceiling White +Plus Kitchen & Bathroom |

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			
 Air Spray  Airless Spray  Brush  Roller			
	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 Ceiling White +Plus Kitchen & Bathroom			
Coat Type 1st Coat	Datasheet NZDU00448 Dulux Ceiling White +Plus Kitchen & Bathroom		
Read the full Datasheet details at Dulux Ceiling White +Plus Kitchen & Bathroom			
Application Methods			
 Air Spray  Airless Spray  Brush  Roller			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	12
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	83
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	36
Recoat Time **	2 hours	Indefinite	<input type="text"/>
V.O.C. Level <50 g/L		Meets ECNZ V.O.C. Requirements? Not Applicable	

<p>Coating Application Details</p> <p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Brush/Roller: Apply full even coats direct from container. If necessary, thin with up to 50 ml water per litre to assist application. Avoid rolling back over nearly dried sections.</p> <p>Airless/Conventional Spray: Suitable for application by all standard spray equipment. Up to 50 ml water per litre may be added to aid atomisation.</p>	
<p>SDS Number</p> <p>DLXNZLEN002618</p>	<p>SDS Link</p> <p>View SDS Link</p>

2nd Coat — Dulux Ceiling White +Plus Kitchen & Bathroom

<p>Coat Type</p> <p>2nd Coat</p>	<p>Datasheet</p> <p>NZDU00448 Dulux Ceiling White +Plus Kitchen & Bathroom</p>
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Read the full Datasheet details at [Dulux Ceiling White +Plus Kitchen & Bathroom](#)

Application Methods



	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text"/>	<input type="text"/>	12
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	83
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	36
Recoat Time **	2 hours	Indefinite	<input type="text"/>

<p>V.O.C. Level</p> <p><50 g/L</p>	<p>Meets ECNZ V.O.C. Requirements?</p> <p>Not Applicable</p>
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<p>Coating Application Details</p> <p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Brush/Roller: Apply full even coats direct from container. If necessary, thin with up to 50 ml water per litre to assist application. Avoid rolling back over nearly dried sections.</p> <p>Airless/Conventional Spray: Suitable for application by all standard spray equipment. Up to 50 ml water per litre may be added to aid atomisation.</p>	
<p>SDS Number</p> <p>DLXNZLEN002618</p>	<p>SDS Link</p> <p>View SDS Link</p>

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.