

NZDU01060 Dulux Aquanamel Semi Gloss on Painted Timber trim [Interior]

Scope of Works

DULUX Aquanamel Semi Gloss is a premium quality water based interior acrylic enamel, that dries to a tough finish. This product is so resistant that common marks are able to be removed virtually without trace. It resists knocking, chipping and yellowing and is highly recommended for doors, architraves, timber trim, walls and skirting boards as an alternative to enamels, and is ideal for bathrooms, kitchens and laundries.

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 1 Step Prep Water Based Primer Sealer Undercoat |
| • 1st Coat | Dulux Aquanamel Semi Gloss |
| • 2nd Coat | Dulux Aquanamel Semi Gloss |

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 Aquanamel Semi Gloss			
Coat Type 1st Coat	Datasheet NZDU00233 Dulux Aquanamel Semi Gloss		
Read the full Datasheet details at Dulux Aquanamel Semi Gloss			
Application Methods			
 Air Spray  Airless Spray  Brush  Roller			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	16	16	16
Wet Film Per Coat (microns)	63	63	63
Dry Film Per Coat (microns)	22	22	22
Recoat Time **	2 Hours	Indefinite	<input type="text"/>
V.O.C. Level <53 g/L inclusive of Dulux Low VOC tinters.		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.

Coating Application Details

* Some colours may require more than the recommended number of coats to achieve full opacity.
Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.

Brush, roller or HVLP spray

Brush/Roller

Brush- Dulux Professional brushes are recommended.

Apply evenly, dividing area into patches about 50-60 square centimetres. Paint one patch at a time working back into previously applied paint.

Finally lay off each patch with light vertical strokes again lapping lightly into previously painted patches.

On wall areas use a 5-9mm nap synthetic roller to achieve the smoothest finish.

Generally thinning is not recommended, however, under hot conditions DULUX Hot Weather Thinner should be added to improve application performance to maximum of 50 ml per litre.

Airless/Conventional Spray

Suitable for application by conventional or airless spray equipment. Up to 100mL/L of water may be added for application by conventional spray, up to 30mL/L of water for airless spray, and up to 5mL/L for HVLP spray, to aid atomisation.

Wagner recommendation: F230 Aircoat recommended.

Tip: 211 for archs and trim, 411 for doors

Pressure: 1100 PSI

1-1.5 at the bar at the gun

Graco recommendation: Air Assisted Airless.

Tip: 210 or 310

Pressure: 1100 PSI

SDS Number
DLXNZLEN003191

SDS Link
[View SDS Link](#)

2nd Coat — Dulux Aquanamel Semi Gloss

Coat Type
2nd Coat

Datasheet
NZDU00233 Dulux Aquanamel Semi Gloss

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

Application Methods



Air Spray



Airless Spray



Brush



Roller

	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	16	16	16
Wet Film Per Coat (microns)	63	63	63
Dry Film Per Coat (microns)	22	22	22
Recoat Time **	2 Hours	Indefinite	

V.O.C. Level
<53 g/L inclusive of Dulux Low VOC tinter.

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 tinters required for non-factory packaged colours.
<p>Coating Application Details</p> <p>* Some colours may require more than the recommended number of coats to achieve full opacity. Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Brush, roller or HVLP spray</p> <p>Brush/Roller Brush- Dulux Professional brushes are recommended.</p> <p>Apply evenly, dividing area into patches about 50-60 square centimetres. Paint one patch at a time working back into previously applied paint.</p> <p>Finally lay off each patch with light vertical strokes again lapping lightly into previously painted patches.</p> <p>On wall areas use a 5-9mm nap synthetic roller to achieve the smoothest finish.</p> <p>Generally thinning is not recommended, however, under hot conditions DULUX Hot Weather Thinner should be added to improve application performance to maximum of 50 ml per litre.</p> <p>Airless/Conventional Spray Suitable for application by conventional or airless spray equipment. Up to 100mL/L of water may be added for application by conventional spray, up to 30mL/L of water for airless spray, and up to 5mL/L for HVLP spray, to aid atomisation.</p> <p>Wagner recommendation: F230 Aircoat recommended. Tip: 211 for archs and trim, 411 for doors Pressure: 1100 PSI 1-1.5 at the bar at the gun</p> <p>Graco recommendation: Air Assisted Airless. Tip: 210 or 310 Pressure: 1100 PSI</p>	
<p>SDS Number DLXNZLEN003191</p>	<p>SDS Link View SDS Link</p>

<p>Coating System Notes</p> <p>* 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.</p>
--

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). 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.