

## Dulux Ultraprime Machine Primer - Waterbased

NZDI1269

### Description

DULUX Water Based Machine Primer is a high quality water based 100% acrylic primer developed for oven cured industrial priming of all timber and timber composite boards that have not been LOSP treated. DULUX Water Based Machine Primer has been specially engineered to deliver rapid block resistance to enable good block stacking during factory processing.

### Features

- Quick dry
- Rapid block resistance
- Hard durable acrylic latex
- Mould & mildew resistant
- Excellent adhesion & flow

### Benefits




- Recoat same day
- Allows for good stacking & storage
- Longer time between repainting
- Provides increased protection between erection and topcoating
- Durable, smooth surface for high quality finish.

### Uses

Use DULUX Water Based Machine Primer as a primer for the oven cure priming of all timber and timber composite boards that have not been LOSP treated.

### Performance Guide

<b>Weather</b>	Excellent exterior durability when used as system for any of Dulux 100% acrylic exterior finishes	<b>Water</b>	Good resistance to rain and condensation for prolonged periods.
<b>Solvent</b>	Sensitive to aromatic hydrocarbons and alcohols.	<b>Abrasion</b>	Good resistance to abrasion

Typical Properties																											
<b>Gloss Level</b>	Low Sheen	<b>Thinner</b>	Water																								
<b>Colour</b>	White, Light Green, Light Grey, 10B17 & Off White	<b>Components</b>	1																								
<b>Number Of Coats</b>	2	<b>Toxicity</b>	Lead free. Dry film is non-toxic																								
<b>V.O.C. Level</b>	26	<b>Sanding Properties</b>	Good																								
<b>Touch Dry</b>	20 Minutes																										
<b>Clean Up</b>	 Water																										
<b>Clean Up Description</b>	Clean all equipment with water after use.																										
<b>Application Method</b>	  Air Spray      Airless Spray  <b>Other:</b> Vacuum line coating																										
<b>Application Conditions</b>	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><b>Solids By Volume</b></td> <td style="text-align: center;">43</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Min</b></td> <td style="text-align: center;"><b>Max</b></td> <td style="text-align: center;"><b>Recommended</b></td> </tr> <tr> <td><b>Wet Film Per Coat (microns)</b></td> <td style="text-align: center;">40</td> <td style="text-align: center;">60</td> <td style="text-align: center;">50</td> </tr> <tr> <td><b>Dry Film Per Coat (microns)</b></td> <td style="text-align: center;">17</td> <td style="text-align: center;">25</td> <td style="text-align: center;">22</td> </tr> <tr> <td><b>Recoat Time (min)</b></td> <td style="text-align: center;">10 minutes</td> <td style="text-align: center;">Indefinite</td> <td></td> </tr> <tr> <td><b>Theoretical Spread Rate (m<sup>2</sup>/L)</b></td> <td style="text-align: center;">25.29</td> <td style="text-align: center;">17.2</td> <td style="text-align: center;">19.55</td> </tr> </table>			<b>Solids By Volume</b>	43				<b>Min</b>	<b>Max</b>	<b>Recommended</b>	<b>Wet Film Per Coat (microns)</b>	40	60	50	<b>Dry Film Per Coat (microns)</b>	17	25	22	<b>Recoat Time (min)</b>	10 minutes	Indefinite		<b>Theoretical Spread Rate (m<sup>2</sup>/L)</b>	25.29	17.2	19.55
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Application Guide	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>New Timber and timber composite boards: Remove any dirt, sand smooth and dust down.</li> </ul>
<b>Application Procedure And Equipment</b>	<ul style="list-style-type: none"> <li>Can be applied by vacuum coater, conventional and airless spray.</li> <li>Stir contents thoroughly before and during use.</li> <li>Airless/Conventional Spray: Ready for use.</li> <li>Vacuum coating: Ready for use.</li> </ul>

Health And Safety			
<b>MSDS Number</b>	21330	<b>Using Safety Precautions</b>	For detailed information refer to the current Material Safety Data Sheet available through Dulux NZ Sales and Customer Service offices.
<b>Health Effects</b>	Splashes to the eye will cause eye irritation. When spraying, inhalation of mists and vapours may produce respiratory irritation and headaches.	<b>Protective Equipment</b>	Wear suitable protective equipment and use in a well ventilated plant.
<b>Disposal</b>	Do not contaminate stormwater with product or product washings. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty paint containers via recycling programmes may differ between local authorities. Check with your local council first.		
<b>In the case of emergency, please call 0800 734 607</b>			

Precautions And Limitations
Do not overspread or exceed the recommended spreading rate. Do not apply when temperature is below 10C or is likely to fall below 10C during the drying period. Do not add linseed oil or mineral turpentine.

Transport And Storage			
<b>Pack A</b>	69904912, 69997677, & 69997678, 69997679, 6997535, 69997534	<b>Shipment Name</b>	Not dangerous goods.; No special transport requirements.
<b>Size</b> 200 Litre 950 Litre		<b>Weight</b> 291 Kg 1383 Kg	
<b>Flash Point</b>	N/A	<b>UN Number</b>	N/A
<b>Dangerous Goods Class</b>	N/A	<b>Package Group</b>	N/A

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

## DULUX Solvent Borne Machine Primer

PRODUCT CODE 839-Line

Data Sheet No. NZDI1608

APPROVALS

### Description

DULUX Machine Primer is a high quality alkyd based wood primer for the machine priming of timber substrates. It has excellent adhesion, coverage and spray application properties.

### Features

High opacity  
Excellent flow  
Genuine Primer

### Benefits

Excellent covering power from one coat.  
Gives good, smooth finish and adhesion of top coat.  
Does not require removal before applying topcoats.

### Uses

Use DULUX Machine Primer as a true primer on timber for periods of up to 3 months prior to top coating with either an oil or water based topcoat.

### Performance Guide

**Weather** Excellent as part of a complete paint system.

**Heat** Up to 120C. Yellowing and embrittlement will occur if film is subjected to 120C heat continuously.

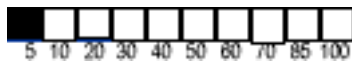
**Water** Resists rain and condensation. Does not fully waterproof the timber. Protect from weather until use

**Solvent** Resists alcohol & hydrocarbons. Film is liable to attack from other strong solvents.

### Typical Properties and Application Data

**Gloss Level** Low Sheen

**Gloss Level Ind**



**Volume Solids** 47.0

**Colour** A range of standard colours or as requested.

**Number of Coats** 1

**Wet film per coat** Recommended 64 µm

**Dry film per coat** Recommended 30 µm

**Recoat** 12 Hours

**Thinner** Mineral Turpentine

**Spread Rate** 16.2sqm/L

**Components** 1

**Toxicity** Lead free. Dry film is non-toxic.

**V.O.C Level** 430g/L

**Touch Dry** 2 Hours

**Clean Up** Clean all equipment with mineral turpentine



**Application Method**



**DULUX Solvent Borne Machine Primer**

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**Application Guide****Surface Preparation**

All surfaces must be thoroughly dry, clean and free from all loose dirt, wax, grease, mould, mildew, surface chalk and loose and flaking paint. Wash with sugar soap.

New timber should be sanded smooth and dusted down. Fill nail holes and cracks after application of this primer.

**Application Procedure and Equipment**

Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.

Brush/Roller: Apply one coat to the prepared surface. Thinning if necessary with up to 50 ml/litre of Mineral Turpentine.

Airless/Conventional Spray: Suitable for application by all standard spray equipment. If necessary thin with mineral turpentine up to 30 ml per litre for airless and 125 ml per litre for conventional spray.

Brush, roller, conventional and airless spray

**Health and Safety**

**MSDS Number** 10598

**Using Safety Precautions** For detailed information refer to the product label and the current Material Safety Data Sheet available through Dulux NZ Sales and Customer Service offices.

**Health Effects** Splashes to the eye will cause eye irritation. Prolonged contact with the liquid is harmful and inhalation of vapour may produce respiratory irritation and headaches.

**Flammability** This product is flammable. All sources of ignition in or near the work area must be eliminated. DO NOT SMOKE.

**Protective Equipment** Wear overalls, chemical goggles and impervious gloves, also wear combined organic vapour/particulate respirator complying with AS1715 and AS1716 when spraying.

**Storage** Store away from sources of heat and ignition.

**Disposal** Do not contaminate stormwater with product or product washings. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty paint containers via recycling programmes may differ between local authorities. Check with your local council first

**In the case of emergency please call 0800 734 607**

**Precautions and Limitations**

Do not apply if the temperature is below 10C or likely to fall below 10C during the drying period. Do not add linseed or other oils. It is important to brush the primer well into end grain, cracks, nail holes and other imperfections.

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**Transport and Storage**

<b>Pack A</b>	839-Line		
<b>Sizes</b>	200 L	<b>Flash point</b>	>23C
<b>Weight</b>	285 KG	<b>UN Number</b>	1263
<b>Dangerous Goods Class</b>	3b	<b>Package Group</b>	III
<b>Shipment Name</b>	PAINTS, flammable liquid, high flash point.		

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