

**Dulux Precision All Metal Primer**

**NZ\_DD02336**

<b>Part A</b>	51W89937
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<b>Description</b>
Dulux PRECISION All Metal Primer is a water based primer designed for metal surfaces† including galvanised iron, Zinalume®, wrought iron, steel, aluminium, copper, brass and stainless steel. Dulux PRECISION All Metal Primer has been formulated with anti-corrosive pigments to inhibit rust and corrosion for the protection of metal surfaces.

<b>Features</b>
<ul style="list-style-type: none"> <li>• Water based</li> <li>• Excellent adhesion</li> <li>• Contains anti corrosive pigments</li> </ul>

<b>Benefits</b>
<ul style="list-style-type: none"> <li>• Low odour</li> <li>• Fast drying.</li> <li>• Inhibits rust and corrosion.</li> </ul>

<b>Uses</b>
Suitable for interior & exterior use. Suitable for Galvanised iron, Zinalume, aluminium, steel, wrought iron, copper, brass and stainless steel. This product is suitable for domestic use only. Suitable for use under Dulux topcoats.

<b>Performance Guide</b>			
<b>Weather</b>	Excellent weather resistance as part of system.	<b>Salt</b>	Good resistance as part of a system
<b>Heat Resistance</b>	Excellent resistance to usual exterior exposed surface temperatures.	<b>Water</b>	Excellent resistance to rain and condensation for prolonged periods as part of system.
<b>Solvent</b>	Sensitive to aromatic hydrocarbons and alcohols. Excellent when topcoated		

<b>Typical Properties</b>																											
<b>Gloss Level</b>	Low Sheen	<b>Thinner</b>	Water																								
<b>Colour</b>	Light Grey	<b>Components</b>	1																								
<b>Toxicity</b>	Lead free. Dry film is non-toxic.	<b>V.O.C. Level</b>	48 g/L																								
<b>Touch Dry</b>	20 Minutes																										
<b>Clean Up</b>	 Water																										
<b>Clean Up Description</b>	Clean all equipment with water																										
<b>Application Method</b>	    Air Spray    Airless Spray    Brush    Roller																										
<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;">37</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>Wet Film Per Coat (microns)</td> <td></td> <td></td> <td style="text-align: center;">68</td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td></td> <td></td> <td style="text-align: center;">25</td> </tr> <tr> <td>Recoat Time (min)</td> <td style="text-align: center;">2 Hours</td> <td style="text-align: center;">Indefinite</td> <td></td> </tr> <tr> <td>Theoretical Spread Rate (m<sup>2</sup>/L)</td> <td></td> <td></td> <td style="text-align: center;">14.8</td> </tr> </table>			<b>Solids By Volume</b>	37				<b>Min</b>	<b>Max</b>	<b>Recommended</b>	Wet Film Per Coat (microns)			68	Dry Film Per Coat (microns)			25	Recoat Time (min)	2 Hours	Indefinite		Theoretical Spread Rate (m <sup>2</sup> /L)			14.8
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**Application Guide**

<p><b>Surface Preparation</b></p>	<ul style="list-style-type: none"> <li>• PREPAINTED SURFACES: Ensure any loose and flaking paint (see Note 1.) is scraped off. Sand all surfaces to a flat finish. Dust off. Treat any bare metal as indicated below.</li> </ul> <p>Please Note:</p> <ol style="list-style-type: none"> <li>1. Check the adhesion of the old paint by cutting an 'X' through the film with a razor blade or trimming knife, pressing cellulose tape firmly across the cut and ripping it off. If the old paint comes off with the tape it should all be removed.</li> <li>2. Dulux PRECISION All Metal Primer is not suitable for use on substrates that have been sand blasted.</li> <li>3. For commercial &amp; industrial fabrications Dulux recommends standard AS/NZS 2312 (as updated) be followed using the appropriate Dulux Protective Coatings products.</li> </ol> <p>GALVANISED IRON: Clean with Scotch Brite and sugar soap solution. Rinse off thoroughly.          GALVANISED IRON (aged): Remove white rust by wire brushing or scraping. Wipe surface clean with mineral turps to remove rust, grease, oils and dirt. Allow to dry.          ZINCALUME, COPPER, BRASS &amp; STAINLESS STEEL : Clean with sugar soap solution. Rinse off thoroughly.          ZINCALUME (aged): Remove white rust by wire brushing or scraping. Clean with sugar soap solution. Rinse off thoroughly.          COLORBOND prepainted steel (Aged): Ensure surface is sound by performing an adhesion test. Any loose or flaking paint needs to be removed. Spot prime bare areas with 1 coat of Dulux PRECISION All Metal Primer.          STEEL/WROUGHT IRON (new): Wipe surface with mineral turps to remove residual rust, grease, oil and dirt. Allow to dry.          STEEL/WROUGHT IRON (rusted) : Remove rust scale by scaping, sanding or wire brushing. Wipe surface with mineral turps to remove residual rust, grease, oil and dirt. Allow to dry. Treat any remaining residual rust with a suitable Rust Remover before applying DULUX PRECISION All Metal Primer.</p> <p>For more corrosive environments (within 2 km of the coast) apply a base coat of DULUX Metalshield Cold Galv Primer</p>
<p><b>Application Procedure And Equipment</b></p>	<ul style="list-style-type: none"> <li>• Brush, roller, conventional and airless spray</li> </ul> <p>Stir contents thoroughly before and during use with a broad, flat stirrer using an upward lifting action.          Brush/Roller: Apply full even coats to the prepared surface.          Conventional/Airless Spray: Suitable for application by conventional or airless spray equipment. If necessary thin with up to 50ml/litre of water.          For Galvanised Iron, Zincalume, Aluminium, Copper, Brass and Stainless Steel apply one coat of Dulux PRECISION All Metal Primer.          For Steel &amp; Wrought Iron apply two coats of Dulux PRECISION All Metal Primer.          Note : Thinning can reduce the rust inhibiting performance of DULUX PRECISION All Metal Primer</p> <ul style="list-style-type: none"> <li>• Brush, roller, conventional and airless spray</li> </ul>

**Health And Safety**

<p><b>Using Safety Precautions</b></p>	<p>For detailed information refer to the product label and the current Material Safety Data Sheet available through Dulux Sales and Customer Service offices.</p>		
<p><b>MSDS Link</b></p>	<p><a href="https://go.lupinsys.com/duluxgroup/harms/public/materials/3b131e11357ab6a9694a969002466a2a-published/individual">https://go.lupinsys.com/duluxgroup/harms/public/materials/3b131e11357ab6a9694a969002466a2a-published/individual</a></p>		
<p><b>Health Effects</b></p>	<p>Splashes to the eye may cause eye irritation. When spraying, inhalation of mists may produce respiratory irritation.</p>	<p><b>Protective Equipment</b></p>	<p>Wear eye protection and when spraying wear a dust mask</p>
<p><b>Disposal</b></p>	<p>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.</p>		

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

**Precautions And Limitations**

Dulux PRECISION All Metal Primer is suitable for Domestic applications ONLY.  
 Dulux PRECISION All Metal Primer is not suitable for use on Structural, Infrastructure, Commercial or Industrial fabrications.  
 For Structural, Infrastructure, Commercial and Industrial fabrications Dulux recommends standard AS/NZS 2312 (as updated) be followed using the appropriate Dulux Protective Coatings products.  
 Do not paint at temperatures at or below 10°C or when the temperature may fall below 10°C during the drying period. Rain or dew will damage the film during the drying period.  
 Whilst this product is lead free, it contains dispersants and inhibitors which will affect drinking water. When priming roofs used for collection of drinking water, disconnect run off pipes until the primer has been coated with an appropriate Dulux Roof product.

Transport And Storage			
<b>Pack A</b>	51W89937	<b>Shipment Name</b>	Not dangerous goods.; No special transport requirements.
<b>Size</b>		<b>Weight</b>	
1 Litre		1.5 Kg	
4 Litre		5.7 Kg	
10 Litre		11.4 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