

## NZDU00526 Dulux Metalshield Etch Primer

### Introduction

Approvals  
**AS/NZS 3750.17 TYPE 1**

### Description and Image

METALSHIELD ETCH Primer may be used as a shop or site primer over suitably prepared substrates for atmospheric service with overcoating in 10 minutes under standard conditions. It is the preferred choice where added adhesive properties are required from a single pack primer.

### Features and Benefits

- Ready for use
- Rapid dry
- Contains non toxic anti corrosive pigmentation
- Universal Primer
- Single Pack
- Allows for fast recoat
- Inhibits corrosion
- A wide range of topcoat types can be used

### Uses

METALSHIELD ETCH Primer can be used over appropriately prepared aluminium, galvanised or zinc coated steel, stainless steel, mild steel and other non-ferrous metals. Also suitable for application direct to fibreglass surfaces. Intended for application direct to metal surfaces or as a spot primer for exposed metal/fibreglass surfaces only.

### Precautions and Limitations

This is an industrial product designed for use by experienced Protective Coatings applicators. Where conditions may require variation from the recommendations on this Product Data Sheet contact your nearest Dulux representative for advice prior to painting. Do not apply in conditions outside the parameters stated in this document without the express written consent of Dulux Australia. Do not apply at temperatures below 5°C. Do not apply at relative humidity above 85% or when the surface is less than 3°C above the dewpoint. Do not apply over scale bearing steel. Abrasive blast cleaned surfaces must be primed within 4 hours. Excessive dry film thickness should be avoided as this may result in delamination.

### Performance Guide

<b>Weather</b> <b>On exterior exposure some chalking may also occur. This will not detract from the protective properties of the coating. Use a weatherable topcoat if required for appearance.</b>	<b>Salt</b> <b>Unaffected by splash and spillage of most salt solutions.</b>
<b>Heat Resistance</b> <b>Up to 65°C dry heat.</b>	<b>Water</b> <b>Resists rain and condensation when suitably topcoated. Not recommended for permanently damp or immersed exposure.</b>
<b>Solvent</b> <b>Resists splash and spillage of aliphatic and aromatic hydrocarbons.</b>	<b>Abrasion</b> <b>Fair for a single pack coating.</b>
<b>Acid</b> <b>Suitable for splash and spillage exposure to weak acids with suitable topcoat.</b>	<b>Alkali</b> <b>Suitable for splash and spillage exposure to weak alkalis with suitable topcoat.</b>

### Typical Properties

Gloss Level  
**Low Sheen**

Thinner  
**Pro Thinner 400**

Colour  
**Light Grey**

Components  
**1**

Mixing Ratio  
**Single Pack**

Pot Life  
**Not applicable**

Clean Up Description  
Clean all equipment with mineral turpentine immediately after use.

### Application Methods



**Air Spray**



**Airless Spray**



**Brush**



**Roller**

### Application Conditions

	Min	Max	Recommended
Wet Film Per Coat (microns)	<b>125</b>	<b>190</b>	<b>125</b>
Dry Film Per Coat (microns)	<b>10</b>	<b>15</b>	<b>10</b>
Recoat Time (min/hours)			<b>10</b>
Theoretical Spread Rate (m <sup>2</sup> /L)			<b>8</b>

### Health and Safety

#### Using Safety Precautions

Use with good ventilation and avoid inhalation of spray mists and fumes. If risk of inhalation of spray mists exists, wear combined organic vapour/particulate respirator. When spray painting, users should comply with the provisions of the respective State Spray Painting Regulations.

**Please refer to SDS Link. In case of emergency, please call 0800 220 770.**

### Transport and Storage

UN Number  
**1263**

Dangerous Goods Class  
**III**

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Any information provided in this Data Sheet 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 Data Sheet, 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 Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from [www.duspecplus.co.nz](http://www.duspecplus.co.nz). Climatic conditions at application time can affect product suitability and 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 Data Sheet 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.