

## DULUX GALVANISED IRON PRIMER

### TECHNICAL DATA SHEET

Version 1 – 2015 JUNE

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

### PRODUCT DESCRIPTION

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A versatile, premium quality anti corrosive etch primer for interior or exterior galvanised iron and non-ferrous metals.

### PRODUCT USES

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- Primer for correctly prepared galvanised iron and non-ferrous metal.

### FEATURES AND BENEFITS

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- Excellent adhesion and corrosion resistance.
- Quick drying – recoat in 4 hours.
- Provides an excellent primed surface for a wide range of decorative topcoats
- No added lead

### PRODUCT INFORMATION

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<b>Appearance</b>	Matt to Low Sheen
<b>Colour</b>	Cream
<b>Binder Type</b>	PVB/Phenolic
<b>Density at 23°C</b>	Approx.1.03
<b>Solids Content</b>	By weight: Approx. 38% By volume: Approx. 21%
<b>Packaged Viscosity</b>	Viscosity at 23°C: Approx. 70 KU
<b>Spreading Rate</b>	5 to 10m <sup>2</sup> per litre depending on surface porosity, profile and application method
<b>Recommended DFT per coat</b>	Min. 20µm. Max. 40µm
<b>Recommended WFT per coat</b>	Min. 95µm. Max. 190µm.
<b>Flash Point</b>	12°C

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### APPLICATION INFORMATION

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Mixing	Stir until homogeneous with a flat paddle
Application conditions	Surface Temperature between 10 - 35°C Relative Humidity between 10 - 85 % OR 2°C above dew point minimum.
Application methods	Brush, roller or Spray.
Thinner	Thinning not recommended. For conventional spray applications thin with 5 to 10% of Etch Primer Thinner.
Drying Time	Touch dry 1 hour at 23°C.
Recoating Time	4 hours at 23°C (Recoating times will be extended during cold, wet or humid conditions)
Cleaning of equipment	After use, remove as much product as possible, and then clean immediately with Etch Primer Thinner
Substrates	Well prepared galvanised iron and non-ferrous metals Ensure surfaces are pre-cleaned.
Coats Required	Apply one or two coats <b>Dulux Galvanised Iron Primer</b> , depending on the severity of the conditions. Two coats are preferred for coastal conditions and chemical works.
Top Coating	Over-coat primer with two coats of selected Dulux decorative topcoat.
Precautions:	Do not apply during cold (below 10°C) or wet weather. Not suitable for direct application to powdery or friable surfaces whether previously painted or not. Do not apply over rusty unprepared metal surfaces. Quick drying - avoid application to very hot surfaces. Not designed to withstand prolonged natural weathering. It should be over coated with conventional coatings within 18 - 24 hours, particularly in a marine atmosphere.

### SURFACE PREPARATION

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Ensure that surfaces are sound and free from dust, dirt, grease and oil before painting. Surfaces must be thoroughly dry.

#### NEW SURFACES

##### **Galvanised Iron, Aluminium and all non-ferrous metals**

- Remove all traces of temporary protective coating, dirt and grease from the surface with **Dulux Galvanised Iron Cleaner**. Ensure complete removal of **Dulux Galvanised Iron Cleaner** by rinsing with running water. A water-break free surface indicates thorough

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### SURFACE PREPARATION

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cleaning - running water should not form droplets. If a water-break free surface was not achieved, repeat the cleaning process. Prime immediately after cleaning.

- Prime with one to two coats **Dulux Galvanised Iron Primer**, depending on the severity of the conditions. Two coats recommended for coastal conditions and chemical works.

### PREVIOUSLY PAINTED AND WEATHERED SURFACES

- Clean bare galvanised iron as per new surfaces
- Rust and flaking paint must be completely removed prior to spot-prime exposed substrate with **Dulux Galvanised Iron Primer**. Build up spot-primed areas with **Dulux Undercoat for All Surfaces** to the same level as the rest of the paintwork.

### HEALTH AND SAFETY INFORMATION

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This product contains no added lead. Avoid contact with skin or eyes. Keep out of reach of children. If accidentally swallowed, seek medical advice immediately and show this container to the doctor. Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes.

If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used. Do not empty into drains or watercourses. Ensure good ventilation during application and drying. It is recommended to use suitable protective clothing and equipment. To avoid the risk of spillage, always store and transport containers in a secure upright position. Refer to Material Safety Data Sheet for complete information.

### ADDITIONAL INFORMATION

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Packaging	1lt, 5Lt
Storage Conditions	Store under cool dry conditions away from direct sunlight, heat and extreme cold
Disclaimers	N/A product specific

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### TDS STD DISCLAIMER

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The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Dulux control.

Important Note; Technology may change with time, necessitating changes to this Technical Data Sheet (TDS).

It is the responsibility of the user to ensure that the latest TDS is being used for reference. Dulux Technical Data Sheets are available on our website [www.dulux.co.za](http://www.dulux.co.za) or please contact: Dulux On-Line on 0860 330 111. Email [ZA.Helpline@akzonobel.com](mailto:ZA.Helpline@akzonobel.com)

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