

DULUX GALVANISED IRON PRIMER

TECHNICAL DATA SHEET

Version 3 – 2024 APRIL

THIS ISSUE SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

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

PRODUCT USES

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

FEATURES AND BENEFITS

- 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

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

DULUX GALVANISED IRON PRIMER

APPLICATION INFORMATION

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 Dulux Galvanised Iron Primer , depending on the severity of the conditions. Two coats are preferred for coastal conditions.
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

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

DULUX GALVANISED IRON PRIMER

SURFACE PREPARATION

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.

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 Universal Undercoat** to the same level as the rest of the paintwork.

HEALTH AND SAFETY INFORMATION

Danger: Highly flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

Dulux products contain no added lead. Avoid contact with skin or eyes. Keep out of reach of children. If accidentally swallowed, seek medical advice 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. Wet sanding should be used wherever possible. 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.

Safety and Technical datasheets available on request. Call a POISON CENTRE or doctor/physician if you feel unwell. Dispose of contents and container in accordance with all local, regional, national or international regulations.

To avoid the risk of spillage, always store and transport containers in a secure, upright position.

ADDITIONAL INFORMATION

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

DULUX GALVANISED IRON PRIMER

TDS STD DISCLAIMER

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 or please contact: Dulux On-Line on 0860 330 111. Email ZA.Helpline@akzonobel.com

ICI Dulux (Pty) Ltd is part of AkzoNobel. ICI Dulux (Pty) Ltd Reg No.1946/020769/07