# COLD GALVANISING PRIMER

TM1.10

## Description

- A zinc-based epoxy ester primer for steel protection and galvanising repair.

## Product Characteristics

- Excellent adhesion to correctly prepared mild steel and galvanised substrates.
- Excellent anti-corrosive properties for mild steel.
- Colour of the product approximates that of a galvanised surface.
- Ideal for use on bare steel and welded or damaged galvanised surfaces.

## Colours and Gloss

- Silver-grey – flat.

## Recommended Film Thickness (Per Coat)

| | Typical |
|---|---|
| Dry film thickness (µm) | 50 |
| Wet film thickness (µm) | 125 |
| Theoretical spreading rate ($m^2/l$) | 8 |

## Basic Data at 25°C

| | |
|---|---|
| Solids content approx. | 40% by volume |
| Touch dry after | 30 minutes |
| Dry to handle | 16 hours |
| Minimum recoat time | 16 hours |

## Surface Preparation

- All surfaces to be coated must be clean, dry and free from dust, oil and grease.
- Substrate temperature should be at least 3°C above dew point.
- Relative humidity should not exceed 85% during application and before the dry to handle time.

### MILD STEEL

- Remove all rust and any loose material by wire brush or mechanical sander.

### , GALVANISED SURFACES:

- Remove all rust and any loose material by wire brush or mechanical sander.

## Application Instructions

- Stir thoroughly with a flat bladed or mechanical stirrer before and during use.
- Paint temperature must be above 15°C, otherwise extra thinner may be required to obtain application viscosity.
- Too much thinner will result in low sag resistance and slower cure.
- Agitate continuously during application.
- Adequate ventilation must be continuously maintained during application and curing.
- If using brush/roller for spot repair or touch up, avoid leaving brush marks, as they will reduce the protective life of the paint system.
- For recommendations outside those contained in this data sheet, refer to Wattyl.

## Application Methods

| | AIRLESS SPRAY | AIR SPRAY | BRUSH/ ROLLER |
|---|---|---|---|
| Recommended thinner | Not required | Thinner L703 | Thinner L703 |
| Volume of thinner | Not required | 0-10% | 0-3% |
| Tip | 0.46-0.53mm (0.018 – 0.021 inch) | 1.5-3.0mm (0.059-0.118 inch) | - |
| Fluid/ Atomised pressure | 12 MPa (1700 psi) | 250-350 KPa (30-50 psi) | |

**CLEANING SOLVENT** | Thinner L703

## Safety Precautions

- Flammable. Avoid contact with heat and naked flame.
- Avoid contact with skin and eyes.
- Use gloves, mask and goggles during application.
- Provide adequate ventilation when using in confined spaces.
- This product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the safety data sheet (SDS).

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## Precautions

- This product must be applied directly to suitably prepared mild steel or galvanised surfaces – do not apply over previous coated surfaces.
- Please test this product to determine if it is suitable for the required end-use.
- For recommendations outside those contained in this data sheet, refer to Wattyl.

## Product Compatibility

### PRIMERS – N/A

### TOPCOATS

- Super Etch Primer

## Storage and Packaging

- Shelf life at least 12 months in an unopened container
- All components shall be stored in a dry internal environment at between 5°C and 35°C.
- Packaging: 4 litre kit
- Also available in 400g Spraymate aerosol
- Product line: 1146

For the most up to date information, please visit our website at www.wattylpc.com.au, or contact us at Australia 132 101 (Australia) 0800 825 7727 (New Zealand).

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