



# Zinc Rich Primer No.1

Anticorrosive primer

0600 - line

## Description

- Single-pack zinc-rich primer

## Properties

- Over 70% zinc metal on dry film, for effective cold galvanising
- Good corrosion protection
- Simple single-pack formula

## Typical Applications

- Steel fabrications requiring extended corrosion protection
- Touch-up of galvanized metal

## General Data

- |                       |  |
|-----------------------|--|
| ▪ Weather resistance  | Not suitable for outdoor exposure without topcoating                               |
| ▪ Solvent resistance  | Resists splashes of hydrocarbon solvents; not recommended for continuous immersion |
| ▪ Chemical resistance | Poor   |
| ▪ Abrasion resistance | Fair   |
| ▪ Suitable topcoats   | Rapid Enamel, Purlenamel, Implement Enamel, Auto Enamel, Baking Enamel             |

## Specifications (at 25°C and 50% relative humidity)

- |  |   |
|--|---|
| ▪ Resin type.....                        | Organic resin                                       |
| ▪ Solids content.....                    | 45% (by volume)                                     |
| ▪ Typical film thickness (per coat)..... | 25 microns (dry)<br>55 microns (wet)                |
| ▪ Theoretical coverage.....              | 5m <sup>2</sup> / L @ 25 microns dry film thickness |
| ▪ Touch dry.....                         | 30 minutes  |
| ▪ Hard dry.....                          | 6 hours   |
| ▪ Recoating.....                         | after 4 hours                                       |
| ▪ Gloss.....                             | Matt  |
| ▪ Colours.....                           | Grey  |
| ▪ Shelf life.....                        | minimum 12 months (in cool, dry conditions)         |

## Surface Preparation

- Bare steel surfaces should have rust and scale removed by abrasive blasting (to AS 1627.4 Class 2½) or mechanical abrasion
- Wipe with clean solvent and rags to remove grease and any other residues

## Mixing recommendation

- Mix the entire contents of the can before decanting
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even consistency of the product
- Thin up to 20% by volume with Wagon Paints' T4 Enamel Thinner (see Application below) and stir as above

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## Application

- May be spray applied using airless or conventional air spray equipment
- Small areas may be coated by brush (thin 5-10% with T5 Thinner)
- **Airless Spray** nozzle size.....0.33 – 0.38 mm  
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)  
volume of thinner.....5 - 15% T4 Thinner
- **Air Spray** nozzle size.....1.6 – 2.0 mm  
nozzle pressure.....45 – 60 psi (300 - 400kPa)  
volume of thinner.....10 – 20% T4 Thinner
- **Cleaning solvent** .....T8 Thinner

## Safety precautions

- **Refer to the relevant Material Safety Data Sheet**
- Contents are flammable – keep away from all ignition sources
- Avoid contact with skin and eyes – when mixing, wear gloves and goggles
- When spraying, ensure adequate ventilation and wear appropriate protective clothing and equipment

**Packaging Group III**      **UN No. 1263**

**Pack sizes**      1 litre, 4 litre

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These technical data and recommendations are based on tests and information believed to be accurate at the time of printing. They should not be construed as containing any warranty, either expressed or implied. Users should conduct their own tests to determine final suitability of this product.



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