



Colgal

Zinc-rich anticorrosive primer

0600 - line

Description

- Single-pack epoxy zinc-rich primer

Properties

- Over 90% zinc metal on dry film, for effective cold galvanising
- High corrosion protection
- Simple single-pack formula

Typical Applications

- Steel fabrications requiring maximum 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)

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|--|--|
| ▪ Resin type..... | Epoxy Ester |
| ▪ Solids content..... | 43% (by volume) |
| ▪ Typical film thickness (per coat)..... | 50 microns (dry)
100 microns (wet) |
| ▪ Theoretical coverage..... | 6 - 10m ² / L @ 50 microns dry film thickness |
| ▪ Touch dry..... | 30 - 45 minutes |
| ▪ Hard dry..... | 16 hours |
| ▪ Recoating..... | may be topcoated after overnight drying
a recoat time of 24 to 48 hours is recommended for some chlorinated rubber products, especially at low ambient temperatures |
| ▪ 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' T8 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 T7 Thinner)

- **Airless Spray** nozzle size.....0.40 – 0.45 mm
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)
volume of thinner.....5 - 10% T8 Thinner
- **Air Spray** nozzle size.....1.8 – 2.2 mm
nozzle pressure.....45 – 60 psi (300 - 400kPa)
volume of thinner.....10 – 20% T8 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.



Wagon Paints

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