



Rhinozinc

2K zinc-rich epoxy primer

7000 - line

Description

- 2-pack epoxy / polyamide zinc-rich primer for use under 1K and 2K topcoats

Properties

- Excellent corrosion resistance
- Quick curing and rapid overcoat time
- Good abrasion resistance
- Suitable under both 1K and 2K topcoats

Typical Applications

- Steel fabrications

General Data

- Weather resistance Not recommended as finish coat. Apply suitable topcoat.
- Solvent resistance Good
- Chemical resistance Fair
- Abrasion resistance Excellent
- Recommended topcoats Rhinamel[®], Rhinothane[®] T, Rhinothane[®] AC, Rhinochlor, Enamels

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

- Resin type.....Epoxy / polyamide
- Mixing ratio..... 4 : 1
- Solids content..... 50 - 52% (by volume)
- Typical film thickness (per coat).....60 - 75 microns (dry)
120 - 150 microns (wet)
- Theoretical coverage..... 10 m² / L @ 50 microns dry film thickness
- Touch dry..... 25 - 30 minutes
- Hard dry..... 4 hours
- Full cure..... 7 days (will not cure at temperatures below 10°C)
- Recoating..... after 4 hours: within 24 hours to ensure good intercoat adhesion
- Pot life..... 4 - 8 hours (depending on temperature and level of thinner added)
- Gloss..... Matt
- Colour..... Metallic grey
- Shelf life..... minimum 12 months (unopened & in cool, dry conditions)

Surface Preparation

- **Steel** surfaces must be degreased, then subjected to abrasive blasting (to AS 1627.4 Class 2½) to remove all rust, previous coatings, etc. Failure to do so will diminish the corrosion protection available from the anodic effect of zinc metal contained in the Rhinozinc. Apply Rhinozinc before flash rusting occurs.

Mixing recommendation

- Mix only the quantity required for the job
- Mix Pack A with Pack B in the ratio 4:1
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even mixing of the two parts
- Allow mixture to stand for 10 - 15 minutes in warm conditions, and up to 1 hour in cool conditions, prior to application
- Thin up to 20% with Wagon Paints' T3 Epoxy Thinner (see Application directions), and stir as above

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Application

- Recommended for application airless or conventional air spray equipment
- Small areas may be coated by brush

- **Airless Spray** nozzle size.....0.33 - 0.38 mm
 nozzle pressure.....2800 - 4000 psi (19 - 27mPa)
 volume of thinner.....up to 10%
- **Air Spray** nozzle size.....1.8 - 2.2 mm
 nozzle pressure..... 45 - 60 psi (300 - 400kPa)
 volume of thinner.....10 - 20%

- **No. of Coats**..... One

- **Cleaning solvent** T3 Epoxy Thinner

Safety precautions

- **Refer to the relevant Material Safety Data Sheets for Pack A and Pack B**
- 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 A); 1866 (Pack B)

Pack sizes 3.2 litre (Pack A)
 0.8 litre (Pack B)

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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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