



# Epoxy ZPP

Economical 2K zinc phosphate primer

7020 - line

## Description

- 2-pack epoxy zinc phosphate primer for use under 2K topcoats

## Properties

- Tough, durable coating
- Strong adhesion to steel and other metals
- Easy sanding
- High corrosion, chemical and abrasion resistance

## Typical Applications

- Steel fabrications
- Transport equipment, trucks, etc.

## General Data

- Weather resistance Not recommended as finish coat. Apply Rhinamel<sup>®</sup> or Rhinothane<sup>®</sup> topcoats
- Solvent resistance Resists splashes and spills of common solvents
- Chemical resistance Good
- Abrasion resistance Excellent
- Heat resistance up to 110°C (dry heat)
- Recommended topcoats Rhinamel<sup>®</sup>, Rhinothane<sup>®</sup> T, Rhinothane<sup>®</sup> AC, 2K Iso-free PU

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

- Resin type..... Epoxy / polyamide
- Mixing ratio..... 4 : 1
- Solids content..... 44% (by volume)
- Typical film thickness (per coat)..... 65 microns (dry)  
145 microns (wet)
- Theoretical coverage..... 7m<sup>2</sup> / L @ 65 microns dry film thickness
- Touch dry..... 1 hour
- Hard dry..... 16 hours
- Full cure..... 7 days (will not cure at temperatures below 10°C)
- Recoating..... after 3-4 hours if sanding is not required, otherwise  
after 16 hours and before 48 hours to ensure good intercoat adhesion
- Pot life..... 4 - 8 hours (depending on temperature and level of thinner added)
- Gloss..... Satin
- Colour..... Beige
- Shelf life..... minimum 12 months (in cool, dry conditions)

## Surface Preparation

- **Steel** surfaces must be degreased, then subjected to abrasive blasting (to AS 1627.4 Class 2½) or abrasion with a suitable power cleaning tool (e.g. disc sander). Apply Epoxy ZPP 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 15 minutes in warm conditions, and up to 30 minutes in cool conditions, prior to application – mix again after this induction period
- Thin up to 15% with Wagon Paints' T3 Epoxy Thinner (see Application directions), and stir as above

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## Application

- Recommended for application by 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 5%
- **Air Spray**        nozzle size..... 1.8 - 2.2 mm  
                          nozzle pressure..... 45 - 60 psi (300 - 400kPa)  
                          volume of thinner..... up to 15%
  
- **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 II**      **UN No.** 1263 (Pack A); 1866 (Pack B)

**Pack sizes**            4 litre, 16 litre (Pack A)  
                              1 litre, 4 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.



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