



ZP/CC Epoxy Primer

Cold Cure, High Build Epoxy Primer 7550 - line

Description

- 2-pack epoxy / polyamide high build primer.

Properties

- Low temperature curing
- High corrosion, solvent and abrasion resistance
- Finish with 2-pack or 1-pack coatings system

Typical Applications

- Structural steel
- Tanks

General Data

- Weather resistance Good (will chalk and yellow on prolonged exterior exposure, however film integrity is not compromised)
- Solvent resistance Resists splashes of most common solvents; not recommended for continuous immersion
- Chemical resistance Excellent
- Corrosion resistance Excellent
- Sea Water Excellent
- Abrasion resistance Very Good
- Suitable topcoats Rhinamel[®], Rhinothane[®] T, Rhinothane[®] AC, 2K DTM Plus, Rapid Enamel, Purlenamel, Implement

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

- Resin type..... Epoxy / Alkyl phenol polyamine
- Mixing ratio..... 4 : 1 (by volume)
- Solids content..... 64% (by volume)
- Typical film thickness (per coat)..... 125 microns (dry)
195 microns (wet)
- Theoretical coverage..... 5m² / L @ 110 microns dry film thickness
- Touch dry..... 20 minutes
- Hard dry..... 16 hours
- Full cure..... 15°C 7 Days
25°C 5Days
- Recoating..... with 2-pack or 1-pack products after 4 hours and before 24 hours
without sanding; after 24 hours, sanding is required before recoating
- Pot life..... 4 - 8 hours (depending on temperature and level of thinner added)
- Gloss..... Low sheen
- Colour..... Light Grey
- Shelf life..... minimum 12 months (in cool, dry conditions)

Surface Preparation

- Bare steel surfaces should 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)

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
- Thin up to 20% by volume with Wagon Paints' T3 Epoxy Thinner (see Application directions), 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 or roller
- **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..... 1.6 - 2.0 mm
 nozzle pressure..... 45 - 60 psi (300 - 400kPa)
 volume of thinner..... up to 20%
- **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 sizes 4 litre, 8 liter, 1/6 liter (Pack A)
 1 liter, 2 liter, 4 liter (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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