



Rhinamel[®] Clear Sealer

Industrial epoxy surface coating

7000 - line

Description

- 2-pack epoxy / polyamide sealer and finish coat

Properties

- Tough, durable surface
- High corrosion, chemical and abrasion resistance
- Long pot life

Typical Applications

- Concrete floors

General Data

- Weather resistance Good (will chalk and yellow on prolonged exterior exposure, however film integrity is not compromised)
- Solvent resistance Good
- Chemical resistance

Fats & Oils	Excellent
Alkalis, dilute	Excellent
Acids, dilute	Good
- Abrasion resistance Excellent
- Recommended topcoats Rhinamel[®], Rhinamel[®] No. 6

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

- Resin type..... Epoxy / polyamide
- Mixing ratio.....3 : 1
- Solids content..... 36% (by volume)
- Typical film thickness (per coat)..... not applicable, as mostly absorbed into surface
- Theoretical coverage..... 8 - 12 m² / L
- Touch dry.....4 - 6 hours
- Hard dry..... 24 hours
- Full cure..... 7 days (will not cure at temperatures below 10°C)
- Overcoating..... within 12 - 36 hours to ensure good intercoat adhesion
- Pot life..... 6 - 12 hours (depending on temperature and level of thinner added)
- Gloss..... Gloss
- Colour..... Clear
- 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 Rhinamel[®] before flash rusting occurs.
- **Concrete** must be cured for a minimum of 28 days. Remove all traces of curing membrane, release agents, oil and grease. Acid etch with a 10% solution of Phosphoric Acid or Hydrochloric Acid in water. (Alternatively, shotblast or diamond grind to remove surface laitance) Allow concrete to dry thoroughly, then seal with one or two coats of Rhinamel[®] Clear Sealer
- **Timber** must be clean and free of dust. Sand with medium grade paper. Moisture content must be less than 10%

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Mixing recommendation

- Mix only the quantity required for the job
- Mix Pack A with Pack B in the ratio 3:1
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even mixing of the two parts
- Allow mixture to stand for 30 minutes in warm conditions, and up to 2 hours in cool conditions, prior to application
- Thin up to 25% by volume with Wagon Paints' T3 Epoxy Thinner (see Application directions), and stir as above

Application

- May be applied using roller, or conventional air spray equipment
- Small areas may be coated by brush
- **Roller** short nap..... 5 - 10 mm
volume of thinner.....Up to 25%
- **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 or two for sealing of concrete and timber
- **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 750ml, 3 litre, 15 litre (Pack A)
 250ml, 1 litre, 5 litre (Pack B)

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June 2008

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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