



# Rhinofix™

Industrial epoxy bonding agent

7350 - line

## Description

- 2-pack epoxy / polyamide adhesive, filler and encapsulating resin

## Properties

- High bond strength
- Waterproof
- Low shrinkage

## Typical Applications

- Timber adhesive for boat building
- Filler for concrete floors
- Sheathing of timber, with glass fibre

## General Data

- Weather resistance Good (will chalk and yellow on prolonged exterior exposure, however film integrity is not compromised)
- Solvent resistance Fair
- Chemical resistance
  - Fats & Oils Excellent
  - Alkalis, dilute Excellent
  - Acids, dilute Good
- Abrasion resistance Very good

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

- Resin type.....Epoxy / polyamide
- Mixing ratio.....3 : 1 (by volume)
- Solids content..... 100% (by volume)
- Typical film thickness (per coat)..... not applicable
- Clamping time.....8 hours
- Full cure.....7 days (will not cure at temperatures below 10°C)
- Pot life.....30 – 60 minutes (depending on temperature and size of mix)
- Colour.....Clear; honey-like colour and consistency
- 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).
- **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, or shotblast. Allow concrete to dry thoroughly before applying Rhinofix - moisture content of concrete to be no greater than 5.5%.
- **Timber** Sand wood with medium paper and dust off. Be sure wood is clean and dry. (Moisture content not higher than 8-10%)
- **Fibreglass** Coarsely abrade surface with a disc sander

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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 (by volume)
- Stir thoroughly with a broad paddle or low-speed mechanical mixer (350 RPM) to ensure even mixing
- Kiln dried sand / fillers can be added to 'bulk-out' resin product

## Application

- May be applied using brush or trowel
- May be thickened with Epoxy Thickener if applying to vertical surfaces
- **No. of Coats**.....One
- **Cleaning solvent** .....3 Epoxy Thinner

## Safety precautions

- **Refer to the relevant Material Safety Data Sheets for Pack A and Pack B**
- Avoid contact with skin and eyes – when mixing, wear gloves and goggles

<b>Pack A</b>	<b>Packaging Group N/A</b>	<b>UN No. N/A</b>
<b>Pack B</b>	<b>Packaging Group III</b>	<b>UN No. 2735</b>

## Pack sizes

Pack size	1 litre kit	4 litre kit	20 litre kit
<b>Pack A</b>	0.75 litre	3 litre	15 litre
<b>Pack B</b>	0.25 litre	1 litre	5 litre

The 'Rhinofloor' floor-coating range has been designed / manufactured primarily to protect the concrete substrate. Please be aware that scratching, marring, colour-fading, gloss reduction, etc, will be evident, with the rate of film attack directly related to service conditions within the areas that these coatings have been applied. Wagon Paints, incorporating Rhino Coatings, take no responsibility for film attack as mentioned, as these issues are a known fact inherent to all industrial epoxy and polyurethane floor coatings.

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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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