



Rhinochlor™ Clear

Chlorinated rubber clear sealer

8000 - line

Description

- Chlorinated rubber clear sealer for concrete floors

Properties

- Fast drying
- Suitable over damp concrete
- Controls dusting of concrete

Typical Applications

- Concrete curing compound
- Temporary sealer for car parks, storerooms, warehouses

General Data

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| ▪ Weather resistance | Very good |
| ▪ Water resistance | Excellent in both fresh and salt water |
| ▪ Solvent resistance | Generally poor; splash resistant to petrol |
| ▪ Chemical resistance | Mineral fats & oils Very good |
| | Animal fats & oils Poor |
| | Vegetable oils Poor |
| | Acids (dilute) Excellent |
| | Alkalis (dilute) Excellent |
| ▪ Abrasion resistance | Fair |
| ▪ Heat resistance | up to 75°C (dry heat) |

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

- Resin type.....Chlorinated rubber
- Typical solids content..... 20% (by volume)
- Typical film thickness (per coat)..... 20 - 25 microns (dry)
100 - 125 microns (wet)
- Theoretical coverage..... 6 - 10m² / L @ 25 microns dry film thickness
- Touch dry.....2 hours
- Full cure..... 2 days
- Recoating..... after 6 hours
- Gloss..... Satin
- Colours.....Clear
- Shelf life..... minimum 12 months (in cool, dry conditions)

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Surface Preparation

- When used as a **dust control sealer**, concrete must be cured for a minimum of 28 days. Remove all traces of 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 before applying Rhinochlor.
- **Note** 'Acid-etching' is not a suitable preparation technique for concrete substrates suspected of being pre-treated with 'Densifier' or 'Penetrating Sealer' type products. Preparation via mechanical abrasion of the substrate must be performed prior to application (i.e. Scabbling / Shot-blasting / Diamond-grinding) to permit maximum adhesion characteristics of the system as specified. Please refer RHINOFLOOR Technical Representative for further information.
- When used as a **curing membrane**, apply Rhinochlor Clear after the finishing operation, when the surface has dried sufficiently to avoid marking but before it starts to dry out. Application on the same day as concrete finishing ensures development of maximum strength.

Mixing recommendation

- Mix the entire contents of the can before decanting
- Stir thoroughly with a broad paddle or low-speed mechanical mixer (350 RPM) to ensure even mixing
- Thin, if needed, with Wagon Paints' T7 Thinner and stir as above

Application

- May be applied using roller, airless or conventional air spray equipment
- Small areas may be coated by brush
- **Roller** nap size.....5 to 10 mm
- **Airless Spray** nozzle size.....0.33 – 0.38 mm
 nozzle pressure.....2000 – 2500 psi (14 - 17mPa)
 volume of thinner.....RFU
- **Air Spray** nozzle size.....1.6 – 2.0 mm
 nozzle pressure.....45 – 60 psi (300 - 400kPa)
 volume of thinner.....RFU
- **Cleaning solvent** T7 Thinner

Safety precautions

- **Refer to the relevant Material Safety Data Sheet**
- 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

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Anti-slip Characteristics

Addition of slip-resistant additive to the 'Rhinochlor™' industrial flooring system is NOT recommended.

- A nonslip version of the 'Rhinochlor™' product is available, but is only suitable for foot traffic in domestic situations, and should not be used where vehicular or hard-wheeled commercial or industrial traffic is prevalent.
- If nonslip characteristics are required, please refer RHINOFLOOR Technical Representative for further information.
- Additive for non-slip properties must be added to pail and stirred mechanically for at least 5 minutes prior to application. Quantity = 300gm (Rhinochlor™ Non-slip additive) / 20L (Paint)

If specification / contract document states that a floor must conform to a particular Australian Standard for slip resistance, then an aggregate must be added into the Rhinofloor flooring system to impart the required non-slip rating. Please refer to Wagon Paints technical department for further information.

Wagon Paints Australia, incorporating Rhinofloor Coatings, does not warrant the "Anti-slip" performance of the coating system(s), with or without aggregate, as this characteristic is out of our control. It is up to the applicator / contractor / purchaser to satisfy any "Anti-slip" regulations or standards required if applied to areas which may be hazardous to pedestrian or vehicular traffic.

Maintenance

The service life of a floor will be considerably extended if good housekeeping practices are followed. Regular cleaning of "Rhinochlor" can be carried out using a mop or brush, in unison with a mild alkaline detergent. Please refer Wagon Paints technical department for further information.

Pack sizes

Pack size	20 litre	200 litre
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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 Rhinofloor 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.

Your local RHINOFLOOR Technical Representative is:

Cameron O'Donnell

Technical Representative
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Authorised: A. De Mello, Sales Manager 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.

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