



# Rhinochlor™

Coloured chlorinated rubber finishes

8000 - line

Not recommended for DIY painting of swimming pools

## Description

- Chlorinated Rubber topcoat

## Properties

- Durable in exterior locations
- Suitable for full water immersion and coastal areas
- Resistant to a wide range of chemicals

## Typical Applications

- Protection of steel structures immersed in fresh and salt water
- For steel and concrete in chemical, sewerage and water treatment plants and wineries
- Eg. (Wine & Grape receiving bins / Wine & Grape tipper trucks)

## General Data

- |                       |  |                     |           |                    |      |                |      |                |           |                  |           |
|-----------------------|--|---------------------|-----------|--------------------|------|----------------|------|----------------|-----------|------------------|-----------|
| ▪ Weather resistance  | Very good, will eventually chalk but this does not impair durability   |                     |           |                    |      |                |      |                |           |                  |           |
| ▪ Water resistance    | Excellent in fresh and salt water  |                     |           |                    |      |                |      |                |           |                  |           |
| ▪ Solvent resistance  | Generally poor; splash resistant to petrol   |                     |           |                    |      |                |      |                |           |                  |           |
| ▪ Chemical resistance | <table border="0"> <tr> <td>Mineral fats &amp; oils</td> <td>very good</td> </tr> <tr> <td>Animal fats &amp; oils</td> <td>poor</td> </tr> <tr> <td>Vegetable oils</td> <td>poor</td> </tr> <tr> <td>Acids (dilute)</td> <td>excellent</td> </tr> <tr> <td>Alkalis (dilute)</td> <td>excellent</td> </tr> </table> | Mineral fats & oils | very good | Animal fats & oils | poor | Vegetable oils | poor | Acids (dilute) | excellent | Alkalis (dilute) | excellent |
| Mineral fats & oils   | very good  |                     |           |                    |      |                |      |                |           |                  |           |
| Animal fats & oils    | poor   |                     |           |                    |      |                |      |                |           |                  |           |
| Vegetable oils        | poor   |                     |           |                    |      |                |      |                |           |                  |           |
| Acids (dilute)        | excellent  |                     |           |                    |      |                |      |                |           |                  |           |
| Alkalis (dilute)      | excellent  |                     |           |                    |      |                |      |                |           |                  |           |
| ▪ Abrasion resistance | Good   |                     |           |                    |      |                |      |                |           |                  |           |
| ▪ Heat resistance     | up to 75°C (dry heat)  |                     |           |                    |      |                |      |                |           |                  |           |

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

- Resin type.....Chlorinated Rubber
- Typical solids content..... 25 - 30% (by volume – colour dependent)
- Typical film thickness (per coat)..... 25 - 65 microns (dry)  
100 - 200 microns (wet)
- Theoretical coverage..... 6 - 10m<sup>2</sup> / L @ 50 microns dry film thickness
- Touch dry.....2 hours
- Full cure..... 2 days
- Recoating..... after 6 hours
- Gloss..... Semi-gloss
- Colours.....Range available – (Subject to minimum order requirement)
- Shelf life..... minimum 12 months (in cool, dry conditions)

# Rhinochlor™

## 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 Rhinochlor before flash rusting occurs.
- **Concrete** When used as a **dust control sealer**, the 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.
- **Concrete** When used as a **curing membrane**, apply Rhinochlor™ 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.
- **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 (ie. Scabbling / Shot-blasting / Diamond-grinding) to permit maximum adhesion characteristics of the system as specified. Please refer Wagon Paints Technical Department for further information.

## 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
- On uncoated concrete, thin first coat to a maximum of 100% by volume with T7 Thinner

## Application

- May be applied using roller, airless or conventional air spray equipment (Refer OH&S requirements)
- Small areas may be coated by brush
- **Roller** nap size.....5 – 15 mm (Microfibre - Applicator preference)
- **Airless Spray** nozzle size.....0.33 – 0.38 mm  
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)  
volume of thinner.....Thinning not normally required
- **Air Spray** nozzle size.....1.6 – 2.0 mm  
nozzle pressure.....45 – 60 psi (300 - 400kPa)  
volume of thinner.....10 – 20%
- **Film builds (D.F.T.)** **Steel**.....50 - 100 microns (depending on severity of environment)  
**Concrete**.....50 - 100 microns
- **Cleaning solvent** ..... T7 Thinner

## Safety precautions

- **Refer to the relevant Safety Data Sheets (SDS)**
- 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

# Rhinochlor™

## 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 Wagon Paints Technical Department 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

<b>Pack size</b>	<b>20 litre*</b>
------------------	------------------

\*Colour availability may be subject to minimum order requirement

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.

### ***For all enquiries please contact:***

Technical Department  
Wagon Paints Australia Pty Ltd  
(Incorporating RHINOFLOOR Coatings)  
Member of TRANSOCEAN COATINGS Group

Phone 03 9729 1344  
Email [technical@wagonpaints.com.au](mailto:technical@wagonpaints.com.au)  
Web [www.wagonpaints.com.au](http://www.wagonpaints.com.au)



Authorised: J. Skangos - Technical Manager August 2023

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.

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either the quality or condition of the substrate and other factors affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product, as well as the data sheet, without notice.

® Registered Trademark of Wagon Paints Australia Pty Ltd



5 Stephenson Road, Bayswater North, Victoria 3153 Australia  
Phone: 61 3 97291344 Email: [sales@wagonpaints.com.au](mailto:sales@wagonpaints.com.au)