



# 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

## General Data

- |                     |   |           |
|---------------------|---|-----------|
| Weather resistance  | Very good (will eventually chalk but this does not impair durability) |           |
| Water resistance    | Excellent in fresh, chlorinated 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   | Good      |
| Heat resistance     | up to 75°C (dry heat)   |           |

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

- Resin type..... Chlorinated rubber
- Typical solids content..... 33% (by volume)
- Typical film thickness (per coat)..... 75 microns (dry)  
225 microns (wet)
- Theoretical coverage..... 6 - 10m<sup>2</sup> / L @ 75 microns dry film thickness
- Touch dry..... 2 hours
- Full cure..... 7 days
- Recoating..... after 6 hours
- Gloss..... Semi-gloss
- Colours..... Range available
- 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 Rhinochlor 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 before applying Rhinochlor.

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## Mixing recommendation

- Mix the entire contents of the can before decanting
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even consistency of the product
- Thin, if needed, with Wagon Paints' T7 Thinner and stir as above
- On concrete, thin first coat 1:1 by volume with T7 Thinner

## 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.....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** **Steel**..... 75 - 200 microns (depending on severity of environment)  
**Concrete**..... 75 - 150 microns
- **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**

**Pack sizes**      4 litre, 20 litre

Authorised:      A. De Mello, Sales Manager

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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.



**Wagon Paints**

**5 Stephenson Road, Bayswater North, Victoria 3153 Australia**

**Phone: 61 3 97291344 Fax: 61 3 97202179 Email: sales@wagonpaints.com.au**