



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

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|-----------------------|--|
| ▪ 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 | 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 - 10m² / 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)

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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.

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
- Small areas may be coated by brush
- **Roller** nap size.....5 to 15 mm (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 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

Rhinochlor™

Anti-slip Characteristics

Addition of slip-resistant additive to the 'Rhinochlor' industrial flooring system is NOT recommended
Refer Wagon Paints technical department for further information

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*
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***Colour availability may be subject to minimum order requirement**

The 'Rhinochlor' 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 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.



Wagon Paints

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