



# Rhinamel<sup>®</sup> SR

Slip Resistant epoxy surface coating

7200 - line

## Description

- 2-pack epoxy / polyamide finish coat with texture profile for slip resistance

## Properties

- Tough, durable surface
- Textured surface increases slip resistance
- High corrosion, chemical and abrasion resistance
- Long pot life

## Typical Applications

- Factory floors, amenities blocks
- Stairs, walkways, truck trays

## General Data

- |                       |   |             |           |                 |            |               |       |
|-----------------------|---|-------------|-----------|-----------------|------------|---------------|-------|
| ▪ Weather resistance  | Good (will chalk and yellow on prolonged exterior exposure, however film integrity is not compromised)  |             |           |                 |            |               |       |
| ▪ Solvent resistance  | Good  |             |           |                 |            |               |       |
| ▪ Chemical resistance | <table border="0"> <tr> <td>Fats &amp; Oils</td> <td>Excellent</td> </tr> <tr> <td>Alkalis, dilute</td> <td>Excellent*</td> </tr> <tr> <td>Acids, dilute</td> <td>Good*</td> </tr> </table> <p><small>*may cause discolouration of some colours</small></p> | Fats & Oils | Excellent | Alkalis, dilute | Excellent* | Acids, dilute | Good* |
| Fats & Oils           | Excellent   |             |           |                 |            |               |       |
| Alkalis, dilute       | Excellent*  |             |           |                 |            |               |       |
| Acids, dilute         | Good*   |             |           |                 |            |               |       |
| ▪ Abrasion resistance | Excellent   |             |           |                 |            |               |       |
| ▪ Recommended primers | Rhinamel <sup>®</sup> Clear Sealer  |             |           |                 |            |               |       |

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

- |  |  |
|--|--|
| ▪ Resin type.....                        | Epoxy / polyamide  |
| ▪ Mixing ratio.....                      | 3 : 1  |
| ▪ Solids content.....                    | 55% (by volume)  |
| ▪ Typical film thickness (per coat)..... | 125 microns (dry)<br>225 microns (wet)                             |
| ▪ Theoretical coverage.....              | 10 - 12m <sup>2</sup> / L @ 125 microns dry film thickness         |
| ▪ Touch dry.....                         | 4 - 6 hours  |
| ▪ Hard dry.....                          | 16 hours   |
| ▪ Light pedestrian traffic.....          | 24 hours   |
| ▪ Light mechanical loading.....          | 2 - 4 days (Premature loading may cause coating damage / failure)  |
| ▪ Full cure.....                         | 7 days (will not cure at temperatures below 10°C)                  |
| ▪ Recoating.....                         | within 24 hours to ensure good intercoat adhesion                  |
| ▪ Pot life.....                          | 4 - 12 hours (depending on temperature and level of thinner added) |
| ▪ Gloss.....                             | Gloss (With a course / gritty texture)                             |
| ▪ Colour.....                            | Range of colours 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 Rhinamel<sup>®</sup> SR 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, then seal with one coat of Rhinamel<sup>®</sup> Clear Sealer

- **Timber** Sand and dust down. Remove all traces of previous coatings. Not recommended for softer timbers, e.g. pine, cedar, etc. Timber should be well seasoned and of less than 10% moisture content prior to coating.

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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
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even mixing of the two parts
- Allow mixture to stand for 30 minutes in warm conditions, and up to 2 hours in cool conditions, prior to application
- Thin as needed with Wagon Paints' T3 Epoxy Thinner (see Application directions), and stir as above
- If thinned, stir mixture periodically to prevent settling of texture agent

## Application

- Recommended for application by roller
- Small areas may be coated by brush
- **Roller** short nap..... 5 - 10 mm  
volume of thinner..... only if required
- **No. of Coats**..... Two
- **Cleaning solvent** ..... T3 Epoxy Thinner

## Safety precautions

- **Refer to the relevant Safety Data Sheets for Pack A and Pack B**
- 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 A); 1866 (Pack B)

**Pack sizes**      3 litre, 15 litre (Pack A)  
1 litre, 5 litre (Pack B)

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.

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