



Rhicryl[®]

Acrylic copolymer colour finish

1500 - line

Description

- Solvent-based acrylic topcoat

Properties

- Fast drying
- Non-yellowing film
- Resistant to water and alkaline solutions
- Controls dusting of concrete surfaces

Typical Applications

- Coating of concrete, bricks and masonry
- Sealing concrete floors / driveways and concrete roof tiles
- The Rhicryl[®] product is **NOT** suitable for application to 'Terracotta' or 'Slate' roof and floor tiles

General Data

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|-----------------------|-----------------------------------|
| ▪ Weather resistance | Excellent |
| ▪ Water resistance | Very good |
| ▪ Solvent resistance | Generally poor |
| ▪ Chemical resistance | Mineral fats & oils.....Very good |
| | Alkalis (dilute).....Excellent |
| ▪ Abrasion resistance | Good |

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

- Resin type..... Acrylic copolymer
- Typical solids content..... 35 - 40% (by volume – colour dependent)
- Typical film thickness (per coat)..... 30 - 40 microns (dry)
75 - 100 microns (wet)
- Theoretical coverage..... 8 - 12m² / L @ 30 microns dry film thickness (dependant on colour)
- Touch dry..... 30 minutes
- Hard dry..... 2 hours
- Trafficable..... 12 hours
- Recoating..... after 2 hours
- Gloss..... Gloss
- Colours..... Range available – (Subject to minimum order requirement)
- Shelf life..... minimum 12 months (in cool, dry conditions)

Rhicryl®

Surface Preparation

- **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 Rhicryl®.

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
- Apply the Rhicryl® product to substrate as supplied. Some thinning (using T7 thinner up to 50%) may be required, due to application in warmer periods to avoid bubbling / cob-webbing issues, or if substrate porosity is problematic.

Application

- May be applied using roller, airless or low-pressure air spray equipment
- Small areas may be coated by brush
- **Roller** nap size..... 5 – 10 mm mohair
- **Airless Spray** nozzle size.....0.33 – 0.38 mm
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)
volume of thinner.....nil
- **Air Spray** nozzle size.....1.6 – 2.0 mm
nozzle pressure.....45 – 60 psi (300 - 400kPa)
volume of thinner.....0 – 10% (Using T7 Thinner)
- **No of coats**.....1 – 3 (depending on porosity of substrate)
- **Thinner / 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 II UN No. 1263

Rhicryl®

Anti-slip Characteristics

Addition of slip-resistant additive to the 'Rhicryl®' 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 "Rhicryl®" 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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*Subject to minimum order requirement

Do not mix RHICRYL® Clear with RHICRYL® pigmented products, as there may be issues with resin compatibility. Refer to Wagon Paints' Technical department for further information.

The 'Rhino' 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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