



PolyLinemarking

2K polyurethane for line marking

6300 - line

Description

- 2-pack polyurethane high durability linemarking coating

Properties

- Excellent abrasion and wear resistance
- Suitable over epoxy and polyurethane floor coatings
- Fast dust-free time

Typical Applications

- Commercial carparks
- Factory and warehouse floors
- Retail complex floors
- **This is an industrial grade product and is not recommended for use in domestic situations**

General Data

- Weather resistance Recommended for both interior and exterior usage
- Solvent resistance Resists splashes of most common solvents
(Not recommended for continuous immersion)
- Chemical resistance Good
- Abrasion resistance Excellent
- Suitable substrates Rhinofloor® HS, HBE, SL and SF Premium, Rhinamel®
(Can also be applied over various TRANSOCEAN 2-pack products – Refer RHINOFLOOR Technical Representative)

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

- Resin type..... Polyester Polyurethane
- Mixing ratio..... 2 : 1 (by volume)
- Solids content..... 50 - 55% (by volume - Colour dependent)
- Typical film thickness (per coat)..... 30 - 40 microns (dry)
60 - 80 microns (wet)
- Theoretical coverage..... 10 - 14m² / L @ 30 microns dry film thickness (dependant on colour)
- Touch dry..... 30 minutes
- Tack free..... 3 hours
- Hard dry..... 16 hours
- Full cure..... 7 days
- Recoating..... within 16 to 24 hours to ensure good intercoat adhesion
after 24 hours, thorough mechanical abrasion required before recoating
- Pot life..... 2 hours (depending on temperature and level of thinner added)
- Gloss..... Satin
- Colour..... Range of standard colours – (Subject to minimum order requirement)
- Shelf life..... minimum 12 months (in cool, dry conditions with unopened containers)

PolyLinemarking

Surface Preparation

- Apply as soon as possible to freshly laid Epoxy or Polyurethane floor coating (within 12-24 hours of application)
- Beyond these times, light sanding will be necessary to ensure good intercoat adhesion
- Not suitable for application directly to bare concrete. Refer to recommendations in General Data above

Mixing recommendation

- Mix only the quantity required for the job
- Mix Pack A with Pack B in the ratio 2:1 (by volume)
- Stir thoroughly with a broad paddle or low-speed mechanical mixer (350 RPM) to ensure even mixing
- Thin, only if required, with Wagon Paints T1 PU Spray Thinner / T2 PU Brush Thinner.

Application

- May be spray applied using airless or conventional air spray equipment (Refer OH&S requirements)
- Suitable for application by brush or roller (May be thinned using 'T1' & 'T2' thinner - Seasonal preference)
- Product must be applied at even film build to avoid gloss variations

- **Roller** nap size.....5 – 15 mm (Microfibre - Applicator preference)
- **Airless Spray** nozzle size.....0.33 - 0.38 mm
 nozzle pressure.....2800 - 4000 psi (19 - 27mPa)
 volume of thinner.....RFU
- **Air Spray** nozzle size.....1.6 - 2.0 mm
 nozzle pressure.....45 - 60 psi (300 - 400kPa)
 volume of thinner..... RFU

- **Cleaning solvent** T1 PU Spray Thinner / T2 PU Brush Thinner

Caution:

Store PolyLinemarking Pack A & B in a cool, dry location. Do not allow water to contaminate the products. Atmospheric moisture will cause the Part B to solidify in the can if allowed excessive contact with air. Part full containers have limited storage stability.
Must not be applied over damp surfaces. Do not apply when the air/surface temperatures are below, or are likely to fall below, 10°C or the relative humidity is above 70%.

Maintenance

- The service life of a floor will be considerably extended if good housekeeping practices are followed. Regular cleaning of "Polylinemarking" can be carried out using a mop, brush, or automatic rotary buffing / scrubbing machine, in unison with a mild alkaline detergent. Please refer Wagon Paints Technical Department for further information.

Safety precautions

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

Pack A	Packaging Group II	UN No. 1263
Pack B	Packaging Group II	UN No. 1866

PolyLinemarking

Pack sizes

Pack size	6 litre kit	15 litre kit	30 litre kit
Pack A	4 litre	10 litre	20 litre
Pack B	2 litre	5 litre	10 litre

Anti-slip Characteristics

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. This aggregate must be incorporated within the epoxy primecoat, NOT into the PolyLinemarking topcoat.

Please refer to Wagon Paints Technical Department for further information.

This product must be applied by an applicator approved by Wagon Paints.
For a list of approved contractors / applicators, 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
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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.

Authorised: J. Skangos - Technical 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.

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.

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