



# Rhinothane<sup>®</sup> T (Gloss Rollgrade)

2K polyurethane finish coat

## Description

- 2-pack polyurethane high performance topcoat

## Properties

- Superior weather resistance and light fastness
- High initial gloss and excellent gloss retention
- Fast dust-free time

## Typical Applications

- UV stable topcoat for suitably primed concrete substrates – (Refer 'Surface Preparation' notes)

## General Data

- Weather resistance           Excellent
- Solvent resistance           Resists splashes of most common solvents  
(Not recommended for continuous immersion)
- Chemical resistance        Good
- Abrasion resistance        Good
- Heat resistance             up to 100°C
- Suitable primers            Rhinamel<sup>®</sup> / Rhinofloor<sup>®</sup> SF Premium / Rhinofloor<sup>®</sup> HS / Rhinofloor<sup>®</sup> SL  
Rhinofloor<sup>®</sup> HBE / Rhinaqua<sup>®</sup> / Transpoxy Masterbond 4.67N

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

- Resin type.....Polyester Polyurethane
- Mixing ratio.....2 : 1 (by volume)
- Solids content.....45% (by volume)
- Typical film thickness (per coat)..... 40 microns (dry)  
90 microns (wet)
- Theoretical coverage..... 10 - 12 m<sup>2</sup> / L @ 40 microns dry film thickness (dependant on colour)
- Touch dry..... 45 minutes
- Hard dry..... 6 hours
- Full cure..... 5 days
- Recoating..... within 16 to 24 hours to ensure good intercoat adhesion  
after 24 hours, sanding is required before recoating
- Pot life..... 2 hours (depending on temperature and level of thinner added)
- Gloss..... Gloss
- Colour..... Extensive colour library and easy colour matching with Coloryte<sup>®</sup>  
Industrial Tint System – Clear Gloss also available
- Shelf life..... minimum 12 months (in cool, dry conditions)

## Surface Preparation

- Substrate to be prepared using shot-blast / diamond grinding prior to application of epoxy primer.
- Not suitable for application directly to concrete substrates without application of epoxy primer.
- Refer to Wagon Paints Technical department for further preparation recommendations.

## 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 mechanical mixer to ensure even mixing of the two parts

# Rhinothane® T – Gloss Rollgrade

## Application

- Apply Rhinothane T Rollgrade product using short nap mohair roller / applicator
- **Apply Two (2) coats minimum for UV protective topcoat if “Clear” coating specified / required.**
- Limit excessive back-rolling as this may cause bubbling in film
- Uneven film-build due to poor application technique of this product may result in gloss level variations
- **Cleaning solvent** ..... T1 PU Spray Thinner
- **Thinning solvent** ..... T1 or T2 or T27 PU Thinner (Refer Technical Representative)

## Coating Systems

Substrate	Primer	Topcoat
Concrete	Rhinamel® Clear Sealer	Rhinothane® T Rollgrade
Concrete	Rhinofloor® HS	Rhinothane® T Rollgrade
Concrete	Rhinofloor® SF Premium	Rhinothane® T Rollgrade
Concrete	Rhinofloor® SL **	Rhinothane® T Rollgrade
Concrete	Rhinofloor® HBE	Rhinothane® T Rollgrade

*\*\*If applying the Rhinothane® T Rollgrade over the Rhinofloor® SL product, thorough sanding is required to allow adequate intercoat adhesion. Please refer Wagon Paints Technical department for further recommendations.*

The application of the Rhinothane® T Rollgrade product is governed by recoat interval times. Please refer 'Specification' section, or alternatively contact Wagon Paints Technical department for further recommendations.

### Caution:

Store Rhinothane® T Rollgrade Pack A & B in a cool, dry location. Do not allow water to contaminate the products. 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%.

## Safety precautions

- **Refer to the relevant Material 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 applying, ensure adequate ventilation and wear appropriate protective clothing and equipment

**Packaging Group II**      **UN No.** 1263 (Pack A); 1866 (Pack B)

**Pack sizes**            1 litre, 2 litre, 4 litre, 10 litre, 20 litre (Pack A)  
500ml, 1 litre, 2 litre, 5 litre, 10 litre (Pack B)

## 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. Please refer to Wagon Paints technical department for further information.

Wagon Paints Australia, incorporating Rhinofloor Coatings, does not warrant the “Anti-slip” performance of the coating system(s), with or without aggregate, as this characteristic is out of our control. It is up to the applicator / contractor / purchaser to satisfy any “Anti-slip” regulations or standards required if applied to areas which may be hazardous to pedestrian or vehicular traffic.

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:            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.

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5 Stephenson Road, Bayswater North, Victoria 3153 Australia  
Phone: 61 3 97291344 Fax: 61 3 97202179 Email: sales@wagonpaints.com.au