

## 2K High-performance Water-based Polyurethane Coating for Interior and Exterior Floors and Walls

### Description:

**TAL Uratect WB** is a two-component, high-performance water-based polyol-polyurethane coating.

It exhibits excellent resistance to yellowing or degradation from exposure to UV rays / direct sunlight, making it ideal for exterior installations and interior installations adjacent to glass shopfronts / large pane windows.

**TAL Uratect WB** shows good resistance to abrasion, cleaning chemicals, food and fat spills and is ideal for areas where ease of cleaning is required. Once fully cured it provides hot tire resistance and mechanical resistance.

**TAL Uratect WB** can be applied onto concrete, cement:sand screeds and self-levelling screeds as well as new and existing epoxy and polyurethane flooring systems.

Available in Clear Matt, Clear Satin and Clear Gloss, with limited coloured versions available by special order. Minimum order quantities and production lead times will apply to the coloured versions.

**NB: The substrate must attain a moisture content of 5% (75% RH) or less before TAL Uratect WB may be applied.**

### Advantages

- Excellent resistance to yellowing and degradation due to exposure to sunlight
- Primerless to most substrates
- Colour stable and durable
- Ease of application and cleaning
- Chemical resistant
- Excellent abrasion & scratch resistance
- Quick drying

**Note: This product is designed for the above-mentioned application only. TAL will not be liable for misuse or adulteration of the product.**

### Laboratory Test Data:

Type	2K Polyurethane enamel sealer
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Color	Clear (Available in various colors by special order) + 10°C - +30°C
Application Temperature (Ambient)	1 Hour
Pot Life *	30 Mins (touch-dry)
Drying Time *	<u>Applied onto</u> <u>Concrete/Screed:</u> Min 3 Hours
Recoat Window Period *	<u>Applied onto Resin</u> <u>Flooring Systems:</u> Min 24 Hours
Trafficable After:	Minimum 6 Hours
Light Foot Traffic*	Minimum 24 Hours
Light Wheeled Traffic*	-30°C - +80°C
Temperature Resistance	1.03
Density	(Colored variants will be higher)
Pack Size	5L Kit
Chemical Resistance (Occasional Spillage Only):	
<b>Reagent:</b>	<b>Rating:</b>
Hydrochloric Acid 10%	No Effect
Petrol	No Effect
Acetone	No Effect
Abrasion Resistance:	Very Good

\*At 23°C and 50% relative humidity.

The above data was obtained under Laboratory conditions using freshly manufactured material. Actual results in the field will vary because of factors such as Ambient Temperatures, Site Conditions, etc.

### Packaging:

Available in a 5 Litre, 2-component (Base and Hardener), kit.

### Coverage:

Approximately 10m<sup>2</sup> / 1L (per coat) applied at 100 micron Wet Film Thickness.

**2 coats required.**

**NB: The above coverage is intended as a guide for ordering purposes. The application rate will be determined by service conditions and requirements, surface profile, workmanship, etc.**

### Storage & Shelf Life:

Ensure lid is tightly sealed and packaging is secure and upright.

Secure product when transporting to prevent accidental spillage.

### Important Notice:

TAL believes the information on this sheet to be correct – but does not guarantee its accuracy or completeness. Conduct your own tests of this product to determine its suitability for intended use. User assumes all risks and liability during testing and use of this product. In special cases, obtain professional advice. The only obligation of TAL shall be to replace any of this product proved to be defective in material. TAL shall not be liable for any injury, loss or damage, direct or consequential, relating to the use or inability to use this product. Except as expressly provided above, all products sold and samples furnished without any warranty of merchantability or any other warranty, express or implied. TAL reserves the right to change the information on this datasheet. Please contact the TAL Technical Advice Centre on [taltech@tal.co.za](mailto:taltech@tal.co.za), or 0860 000 825 to ensure you have the latest version.

When stored in the original sealed packaging in dry internal conditions between 10°C and 30°C and out of direct sunlight the product has a shelf life of 6 months from date of manufacture.

**NB: Never store directly on a concrete floor.**

himself/herself that the product is suitable for the intended purpose. In special cases, obtain professional advice.

**Warning:**

**Keep out of reach of children and pets. Use only as directed. Do not ingest or inhale. Wear appropriate PPE such as a mask, protective gloves and goggles when working with this product. Work in a well-ventilated area. Dispose of this product in accordance with Local Regulations. Contact TAL for further Health & Safety information (MSDS/SDS).**

**Installation / Health & Safety:**

This product is for use only by competent and experienced artisans with the correct training and equipment. Application by unskilled labour is not recommended.

**NB: Refer to the Method Statement (MS) before using this product.**

**TAL Technical Advice Centre:**

For advice or a detailed Materials and Methods Specification contact the TAL Technical Advice Centre on 0860 000 TAL (825), or e-mail [taltech@tal.co.za](mailto:taltech@tal.co.za).

Branches: Gauteng (011) 206-9700.

Cape (021) 386-1810; Natal (031) 579-2263

**NB: Ensure you have the latest version of this data sheet.**

**Product Performance Guarantee:**

TAL products are manufactured and tested to TAL procedures, which are maintained in line with Quality Control System Standards ISO 9001 and ISO 45001, and Environmental Management System ISO 14001. TAL products are guaranteed to be free from manufacturing defects and fit for design purposes.

Any guarantee regarding the performance of **TAL Uratect WB** will be subject to the professional and practical application of the product in accordance with the instructions on the packaging and in the data sheet and general-purpose method statement.

However, we have no influence over specific site conditions and therefore, if in doubt, the user must always carry out sufficient tests to satisfy

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