



URETHANE & EPOXY SYSTEMS, DEVELOPMENT & MANUFACTURE

## TECHNICAL DATA

### WATERMARQUE 2K WB PRIMER / BUILD COAT

<b>DESCRIPTION</b>	A two component, clear, gloss, water based polyurethane primer build coat suitable for brush or roller application. Not suitable for spraying.
<b>USES</b>	Watermarque 2K Primer is developed for use as a high performance clear polyurethane primer and build coat for wood and concrete substrates. Usually finished with Watermarque 2K Topcoat Gloss, Satin or Matt.
<b>FEATURES</b>	A medium build, 2 pack water-based non-yellowing polyurethane primer with low odour
<b>COLOUR</b>	Clear, gloss
<b>SURFACE PREPARATION</b>	<p>For new wood and fully sanded old timber surfaces, final sand with 220 grit sandpaper. To obtain a traditional 'solvent-based' wet look, seal with Uroxsyl Silvaseal. Allow it to dry fully, (min 2hours with ventilation) before applying Watermarque 2K Primer.</p> <p>For concrete surfaces, best results are obtained from diamond-grinding followed by etching with Uroxsyl CCA Citric Acid based cleaner to remove the grinding debris and to lower the concrete pH. After the CCA cleaner has dried, prime the surface with Uroxsyl Polyurethane Adhesion Promoter. Allow 2-4 hours for Promoter to fully react, then apply the Watermarque Primer.</p>
<b>PRIMING AND BUILDING</b>	Apply 1 - 2 coats of Watermarque 2K Primer, followed by 1 or 2 coats of Watermarque 2K Topcoat Gloss, Satin or Matt depending on performance required.
<b>MIXING</b>	Use a Squirrel Mixer® (1 gallon size) with a variable speed drill, according to the manufacturers recommendations. Add the hardener slowly and evenly into the mixing vortex in the resin component, while maintaining a constant mixing speed throughout the addition. Avoid entraining air. Continue mixing for a minimum of three minutes. Proper mixing of the viscous hardener into the low viscosity resin component is essential to achieve proper coating properties. Filter before use. Mixed product has a pot life of 2 hours at 25°C
<b>APPLICATION</b>	Use a clean mohair, woven dacron, synthetic sleeve roller or applicator bar and apply at a spreading rate of 10-12 m <sup>2</sup> per litre per coat.

## TECHNICAL DATA

Composition: Aliphatic polyurethane  
VOC of Mixed Product: 35g /lt  
Mix Ratio: 4.1 parts resin to 1 part hardener by weight or volume  
Pot life: 2 hours at 25°C  
Film Thickness: 30 microns per coat DFT  
Coverage Rate: 10-12 m<sup>2</sup> per litre per coat  
Dry Time (Dust Free): Approximately 2 hours @ 20°C  
Dry to sand time: Overnight  
Dry Recoat Time: 4-6 hours in adequate drying conditions Topcoating: Recoat within one day for optimum adhesion Final Cure: 7 days Number of coats: 1-2 coats to prime and build, followed by 1-2 finish coat of either 2K Gloss, Matt or Satin  
Shelf Life: 12 months in unopened container  
Clean Up: Water

**SAFETY DATA:** Avoid breathing the dust when sanding, use a dust mask. Wear protective clothing and safety glasses. Gloves are essential. Avoid contact with exposed skin. Before commencing work, apply barrier cream.

This information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

2K SATIN TD7 JAN22