



LIMITED



URETHANE & EPOXY SYSTEMS, DEVELOPMENT & MANUFACTURE

TECHNICAL DATA

WATERMARQUE 2K PRIMER / BUILD COAT

DESCRIPTION	A two component, clear, gloss, water based polyurethane primer build coat suitable for brush or roller application. Not suitable for spraying.
USES	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.
FEATURES	A medium build, 2 pack water-based non-yellowing polyurethane primer with low odour.
COLOUR	Clear, gloss
SURFACE PREPARATION	<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 Uroxsys 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 Uroxsys 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 Uroxsys Polyurethane Adhesion Promoter. Allow 2-4 hours for Promoter to fully react, then apply the Watermarque Primer.</p>
PRIMING AND BUILDING	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.
MIXING	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.
APPLICATION	Use a clean mohair, woven dacron, synthetic sleeve roller or applicator bar and apply at a spreading rate of 10-12 m ² 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 ² 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.

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WM2K PRIMER TD3 MAR14