



POLYMER DESIGN AND MANUFACTURE

TECHNICAL DATA

WATERMARQUE 2K TOPCOAT GLOSS

DESCRIPTION	A low VOC, two component, clear, gloss, water-based polyurethane coating for brush or roller application. Not suitable for spraying.
USES	Developed for use as a high performance clear polyurethane finish coat for wood and concrete substrates.
FEATURES	A low VOC, medium build, 2 pack water-based non-yellowing polyurethane system with low odour, as well as excellent wear and abrasion resistance.
COLOUR	Clear gloss
SURFACE PREPARATION	Substrates need to be clean, sanded, and dust and defect free.
PRIMING	Concrete and wooden substrates should be primed with Watermarque 2K Primer. For more detail, please refer to the respective technical datasheet. Very dense or diamond ground exposed aggregate concrete may need to be pre-primed with Polyurethane Adhesion Promoter. For all other substrates, please contact Uroxsys.
MIXING	Use a clean straight edged stirring stick to bring the boundary layer on the sides and bottom of the resin container into the mix. Then, according to the manufacturers recommendations, using a Squirrel Mixer® (1 gallon size) with a variable speed drill to 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 roller or applicator bar and apply at a spreading rate of 10-12 m ² per litre per coat.

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Composition:	Aliphatic polyurethane
VOC of Mixed Product:	85g /lt
Mix Ratio:	4.5 parts resin to 1 part hardener by weight or volume
Pot Life:	2 hours at 25°C
Film Thickness:	30-45 microns per coat DFT
Coverage Rate:	10-12 m ² per litre per coat
Number of coats:	1-2 finish Topcoats over 1-2 coats of Primer / Build coats
Dry Time(Dust Free):	Approximately 2 hours @ 20°C
Recoat Time:	12-24 hours in adequate drying conditions

Topcoating:	Recoat within one day
Final Cure:	7 days
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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