



# ULTRA THANE 1000

## Single component water based urethane

### DESCRIPTION

Ultra Thane 1000 is a water based, low VOC, single component aliphatic urethane concrete sealer designed to be used alone or as a finish coat over epoxy or similar coating for increased wearability. Ultra Thane 1000 can be used indoor and outdoor, displays excellent resistance to water, alkali, acids, UV Light, and stains. This product will darken the surface slightly with a medium gloss. Ultra Thane 1000 is the premier thin(2 mil) coating for ease and durability.

### FEATURES AND BENEFITS

- *Low VOC formula for both indoor and outdoor use.*
- *Superior durability over water base acrylics*
- *No special equipment required.*
- *Can be rolled, sprayed or applied with micro fiber applicator*
- *Less slippery than acrylic style sealer*

### TYPICAL APPLICATIONS

Basements, warehouses, foyers, kennels, restaurant floors, stores, concrete counter tops, brick hearths, some tile, or almost any surface that needs an abrasion resistant low mil coating.

This sealer can be tinted for a one step finish such as a garage or workshop floor.

### TECH SPECIFICATIONS

Solids.....	25%	Drying Time.....	1-2 hours
Re-Coat Time.....	1-3 hours	Foot Traffic.....	4-6 hours
Wheel Traffic.....	24-48 hours		
Application Temp.....	50-85 F	Wet Appearance.....	Cloudy
Dry Appearance.....	Clear	VOC Content.....	<100 g/l
Solvent Resistance.....	Superior	Concrete Adhesion.....	Superior
Abrasion resistance.....	Superior	Application thickness.....	2 mil

### INSTRUCTIONS

For Professional use only

**SURFACE PREP and APPLICATION:** Surface must be structurally sound, clean, dry, and free of oils, grease and other bond inhibitors. Delamination can result from improper prep. Concrete surfaces should be profiled to at least a 200-grit level or less OR should readily absorb water before applying to ensure good mechanical bonding. If acid etching was used, surface must be completely neutralized before proceeding.

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## INSTRUCTIONS

Concrete surfaces should be profiled to at least a 200-grit level or less OR should readily absorb water before applying to ensure good mechanical bonding. If acid etching was employed make sure the surface was completely neutralized.

Sealer should be applied using either brush, t-bar, lamb's wool applicator, roller, or most pump -up sprayers. When using roller, **DO NOT USE A FOAM ROLLER AS THIS WILL CAUSE TOO MUCH AIR AND RESULT IN BUBBLES.** When using a roller it may be necessary to roller out continuously to achieve an even finish. At time of application, moisture content of all surfaces should be 30% or less as measured with an electronic moisture meter. When using a t-bar or lambswool applicator you can pour a small amount of material on the floor and pull out in an even sweeping pattern overlapping slightly.

Material will go down white and turn clear in less than an hour depending on conditions. On some surfaces a bluish tone haze may appear that is part of the curing process.

Establish that air, surface, and material temperatures are above 45°F(4.4°C) and at least 5°F above the dew point when exterior use. Do not apply if temperatures are expected to drop below 40°F within 24 hours after application. Do not apply if rain is expected within 48 hours. Do not apply if relative humidity is greater than 80%. Allow at least 1 hour or until tack-free before applying a second coat. Wait 24 hours before opening up to light to moderate traffic, and 72 hours before heavy traffic.

REMOVAL: Chemical stripper such as Walttools Tru Strip or by mechanical means.

### **May be slippery once cured - Take caution**

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the Instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product. Revised – 04-15

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