







# WATER BASED URETHANE TECHNICAL

## MATERIAL PROPERTIES AT 75°F:

Mixed VOC Content:	<50 g/L
Mix Ratio (by volume):	3:1
Tack Free Time:	6 hours
Recoat Time (min/max):	6hrs. / 24hrs.
Light Foot Traffic:	24 hours
Vehicular Traffic (hours):	5 Days
ASTM E-96 - Water Vapor Transmission:	1.39 perms
ASTM D-638 - Tensile Strength psi:	2,700 - 2,900psi
ASTM C-722 - Monolithic Surfacing:	Pass
ASTM D-2794 - Impact Resistance:	Pass; >160 inch/lb.
ASTM D-4060 - Abrasion Resistance (CS-17):	2.5 - 4mg
ASTM D-4366 - Konig Hardness:	110-111
ASTM D-4541 - Adhesion Strength:	460 - 480psi

\*EPA Method 24 - Floor Category

CHEMICAL RESISTANCE:	Y: RESISTANT	S: SPLASH & SPILL	N: NOT RECOMMENDED
Acetone:	Y	Motor Oil:	Y
Animal Urine:	Y	Mustard:	Y*
Antifreeze:	Y	Natural Grain Spirits 190 Proof:	Y
Bleach:	Y	Orange Juice:	Y
Brake Fluid:	N	Phosphoric Acid 10%:	Y
Calcium Chloride:	Y	Skydrol:	Y
Cooking Oil:	Y	Sodium Hydroxide 50% (Caustic Soda)	Y
De-Icing Salts:	Y	Sulfuric Acid 10% (Battery Acid):	Y
Detergents:	Y	Sulfuric Acid 37% (Battery Acid):	Y
Gasoline:	Y	Toulene:	Y
Hydraulic Fluids:	Y	Trisodium Phosphate (TSP):	Y
Hydrochloric Acid 10%:	Y	Water:	Y
Hydrofluoric Acid 37%:	Y	Windshield Wiper Fluid:	Y
Isopropyl Alcohol:	Y	Xylene:	Y
Iodine 2%:	Y		
MEK:	Y		
		*Will stain unless immediately removed	

