



WATER BASED URETHANE PARTS A & B



GLOSS OR MATTE SURFACE SEALER

WB URETHANE IS A CLEAR, PREMIUM, WATER-BASED TWO-PART HIGH-PERFORMANCE URETHANE COATING THAT UTILIZES ALIPHATIC URETHANE POLYMER TECHNOLOGY. IT PROVIDES EXCELLENT FILM HARDNESS, CHEMICAL, ABRASION, AND UV RESISTANCE.

PRODUCT HIGHLIGHTS

- UV resistant, non-yellowing
- Great scratch & abrasion resistance
- Excellent chemical resistance
- Recommended as clear topcoat when broadcasting decorative flakes
- Easy-to-use low-odor formula
- Excellent hot tire pick-up resistance
- Recommended for vertical or horizontal applications
- Ratio: 3 Parts A to 1 Part B


USES

WB Urethane can be applied directly to many surfaces without the need for a primer, i.e., concrete, wood, aluminum, and galvanized metal. The coating is widely used to provide a high gloss or matte finish to Concrete Floors. Can be used on; but not limited to Garages, Showrooms, Offices, and many other areas where a premium water-based urethane coating is needed

| AT A GLANCE | |
|---------------|----------|
| CURE TIME | 12-14 |
| RECOAT TIME | 10-24 |
| LIGHT TRAFFIC | 24 |
| HEAVY TRAFFIC | 72 HOURS |
| FULL CURE | 7 Days |
| POT LIFE | 35 |
| WORK TIME | 45 |

QUICK LOOK:

Solids Content: Gloss: 60% Matte: 50% Ratio: 3 to 1
Toxicity: Non-Toxic
VOC's: Low
Flammability: Non-Flammable
Composition:
Color:
Odor:
Coverage: *450-550 sq.ft.
**Coverage rates may vary depending on porosity, texture, application method and prior sealer application. Excess buildup should be avoided.*



FOR MORE INFORMATION, PLEASE SEE SDS.

| Test for cure times were done in a climate-controlled lab at 73° | |
|--|-----------------|
| Temp | Cure Time |
| 73° | 12-14 hours |
| AMBIENT TEMPERATURES | |
| **Please note these are suggestions and not exact. Cure times will vary based on temperature, Humidity and altitude. | |
| Temp | Cure Time |
| Below 40° | not recommended |
| 90° < | not recommended |

FOR EMERGENCY HELP
24Hours a Day contact:
INFOTRAC at 1-800-535-5053

Manufactured In The USA By



**Product warranty for one year from date of manufacture*

For more information on EZChem and all products manufactured by EZChem please visit our website: www.ezchemusa.com



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SURFACE PREP & APPLICATION CONDITIONS:

New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, coatings, dust, curing compounds, and other coatings or contaminants. The temperature of the air, substrate, and material should be between 40°F and 90°F. Relative humidity should not be above 80%. Two coats are recommended with a minimum of 6 hours and a maximum of 24 hours dry time between coats.

MIXING INSTRUCTIONS:

Mix Part A by using a low-speed drill with a mixing attachment for 2 minutes. Add Part "B". Mix for an additional 2 minutes. Mix only the amount of material that can be applied during the pot life (approximately 1.5 hours, depending on air/ surface temperatures). Do not aerate the mix, but let it sit for 3-4 minutes for induction time. Apply immediately.

APPLICATION & CLEAN UP:

Apply using a ¼" short nap roller for horizontal surfaces and; 1" nap for vertical surfaces. Apply light coats no more than 24 hours between coats. Use a paint pan to control amounts. Clean tools and application equipment immediately after use with water first and wipe; then use an active solvent like xylene. Clean spills and drips while still wet with xylene. Dispose of container and contents by local laws and regulations.

PRECAUTIONARY STATEMENT:

PART A: Do not handle until all safety precautions have been read and understood. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Dispose of contents/containers according to local, state, and federal regulations.

PART B: Do not handle until all safety precautions have been read and understood. Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Dispose of contents/ container according to local, state, and federal regulations. Contains isocyanates. May produce an allergic reaction.

FIRST AID:

EYES: Flush thoroughly with water, lifting both eyelids. Get Medical Help.

SKIN: Wash with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, Get Medical Help.

INGESTION: Do not induce vomiting. Get Immediate Medical Help.

INHALATION: Remove to fresh air immediately. If breathing difficulty continues, administer oxygen and Get Medical Help.

IN CASE OF FIRE:

Use fire extinguishing methods suitable to surrounding conditions.

TECHNICAL

MATERIAL PROPERTIES AT 73°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 | 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

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