

# WT-113

## WATER-BASED 2 COMPONENT WATER BASED EPOXY

### PREPARATION AND APPLICATION INSTRUCTIONS

#### BARE CONCRETE

1. MAKE SURE THE CONCRETE IS **SOUND AND NOT CRUMBLING**, AND THAT THERE ARE **NO SEALERS, CURING COMPOUNDS, WATER REPELLENTS OR OLD COATINGS** ON THE SURFACE..
2. **SCRUB** ALL GREASE AND OIL SPOTS WITH TSP OR OTHER STRONG DETERGENT, RINSE THOROUGHLY. REPEAT IF NEEDED.
3. **KILL** ALL MOLD, MILDEW AND ALGAE WITH BLEACH AND RINSE THOROUGHLY.
4. **PRESSURE WASH** THE SURFACE THOROUGHLY TO REMOVE ALL EMBEDDED DIRT AND LOOSE MATERIAL.
5. **ACID ETCH** THE CONCRETE WITH A SOLUTION OF 2 PARTS WATER TO 1 PART MURIATIC ACID AND APPLY EVENLY TO THE SURFACE. DO NOT BRUSH OR BROOM THE ACID, ALLOW TO REMAIN UNDISTURBED FOR 15 TO 20 MINUTES. PRESSURE WASH OR RINSE THOROUGHLY WITH PLENTY OF WATER AND PRESSURE. REPEAT THE ABOVE UNTIL A MEDIUM (120- 220 GRIT ) SANDPAPER TEXTURE IS ACHIEVED. ALLOW THE SURFACE TO DRY A MINIMUM OF 24 HOURS UNDER FAVORABLE CONDITIONS.
6. **MAKE SURE THE SURFACE IS COMPLETELY DRY**, AND FREE FROM ANY CHALK, DUST, DIRT OR OTHER CONTAMINANTS, (wipe with a black cloth) . APPLY THE FIRST COAT GENEROUSLY. ALLOW TO DRY 12 HOURS UNDER FAVORABLE CONDITIONS. *The second, and any additional coats must be applied within 36 hours of the previous coat, or the surface will need to be sanded prior to coating.*
7. APPLY A SECOND COAT FULL STRENGTH. **ALLOW TO DRY A MINIMUM OF 48 - 72 HOURS UNDER FAVORABLE CONDITIONS** BEFORE ALLOWING VEHICLE TRAFFIC. \*\*

\*\* FOR EXTREMELY POROUS SURFACES, A THIRD COAT MAY BE NECESSARY

\*\* FOR GREATER CHEMICAL RESISTANCE, CLEAR COAT WITH TPU-188, WBU OR TPU-122 URETHANE CLEAR SEALERS

\*\*\*NOT RECOMMENDED FOR EXTERIOR USE, OR USE IN AREAS THAT RECEIVE FULL SUN. CHALKING MAY RESULT

#### PREVIOUSLY COATED SURFACES

1. Thoroughly clean and de-grease the surface, and allow to completely dry.
2. All previous coatings should be well-adhered, and not lifting or peeling. Abrade existing glossy, oil based or catalyzed coatings with 120 - 220 grit sandpaper to provide a tooth for adhesion. Clean surface of all sanding dust and residue.
3. **MAKE SURE THE SURFACE IS COMPLETELY DRY**, AND FREE FROM ANY CHALK, DUST, DIRT OR OTHER CONTAMINANTS (wipe with a black cloth). APPLY THE FIRST COAT GENEROUSLY. ALLOW TO DRY 12 HOURS UNDER FAVORABLE CONDITIONS
4. APPLY A SECOND COAT FULL STRENGTH. **ALLOW TO DRY A MINIMUM OF 48 - 72 HOURS UNDER FAVORABLE CONDITIONS** BEFORE ALLOWING VEHICLE TRAFFIC.\*\*

#### CAUTION

**BE AWARE THAT SOME COATED SURFACES MAY BECOME SLIPPERY WHEN WET. IF THE SURFACE HAS NOT ALREADY BEEN TREATED TO REDUCE SLIP HAZARDS, SAND OR OTHER GRITTY MATERIAL SHOULD BE ADDED TO THIS PRODUCT BEFORE OR DURING APPLICATION TO REDUCE THIS CONDITION. IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR OR OWNER TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING THIS PRODUCT IN AREAS OF PEDESTRIAN TRAFFIC.**

