



TUF-TOP COATINGS

SINCE 1938

WT-113 2 COMPONENT WATER-BASED EPOXY

TUF-TOP WT-113 is an extremely durable, chemical resistant, 2 component Water Based Poly Amide Epoxy Enamel for use on masonry floors and walls, as well as metal. WT-113 combines the durability of solvent based epoxies with the ease and safety of water based paints.

USES:

AUTO SERVICE
GARAGES

WAREHOUSE
FLOORS

INSTITUTIONAL FLOORS
& WALLS

CONCRETE OR METAL
SURFACES



FEATURES:

WITHSTANDS MOST
COMMON CHEMICALS

WATER REDUCABLE

WATER CLEANUP

EXCELLENT DURABILITY
AND CHANGEABILITY

ATTRACTIVE GLOSS
SHEEN

MAY BE CLEARCOATED WITH TPU-122 POLYESTER URETHANE FOR MAXIMUM CHEMICAL RESISTANCE. The clear sealer may be tinted up to 1 Fl. Oz per gallon to achieve a mottled or translucent effect on interior masonry floors.

PREPARATION:

(NEW OR UNPAINTED CONCRETE)- Make sure that surface is sound and not crumbling. All contaminants including, but not limited to: dirt, oil, grease, mold and mildew must be thoroughly removed from the surface and pores of the concrete to insure that the paint has good contact with the cement. Remove oil, grease and any other contaminants with strong detergent, TSP, or degreasers and rinse thoroughly. Kill all algae and mold with bleach and rinse thoroughly. It is often advisable to pressure wash the surface to insure complete removal of contaminants. Slick or smoothly troweled surfaces must be etched with a 10% muriatic acid solution until the pores are opened up to a sandpaper like (120-220 grit) feel. Acid must be thoroughly rinsed after application. Be certain that there are no silicone/silicate type sealers or water repellents on the floor as they would have to be removed with acid or by other means before application.

(OVER OLD CONCRETE) - WT-113 may be applied over most paints if they are firmly bonded to the surface. A test patch is highly recommended to insure compatibility. Make sure the surface is free of all contaminants and follow the cleaning instructions for new concrete. WT-113 may not adhere satisfactorily to some epoxies, polyurethanes, or silicate sealers. If uncertain, apply a test patch of WT-113 and check adhesion with duct tape after 2-3 days. Press tape down firmly on test patch and pull up sharply. If the paint pulls from the surface there is an adhesion problem and WT-113 should not be used.

APPLICATION: (SEE PRODUCT APPLICATION SHEET FOR COMPLETE INSTRUCTIONS)

(NEW OR UNPAINTED SURFACES)- Combine/mix both components of WT-113 well prior to use. Mix only enough product that can be applied in two hours. Mix 4 parts "A" (color) to 1 part "B" (cure). Apply with roller (sheepskin), brush or airless sprayer. Apply first coat, allow to dry (8-12 hours depending on weather), then apply the second coat. Allow new concrete to cure a minimum of 30 days before painting. All curing compounds and form oils must be removed to insure proper adhesion.

(OVER OLD PAINT) - Old coatings must be sound and firmly adhered. Apply with roller, brush, squeegee or broom. Two coats are recommended. Apply first coat, allow to dry (8-12 hours depending on weather) and then apply the second coat at right angles to the first coat. Old coatings should first be sanded to provide a "tooth" for adhesion.

COVERAGE / DRYING TIME:

(SMOOTH CONCRETE)- 200 - 250 SQUARE FEET PER GALLON / PER COAT. TWO COATS RECOMMENDED.

NOTE : Actual coverage rates will vary depending on surface texture and application method.

(CLEAN UP)- CLEAN ALL EQUIPMENT WITH WARM SOAPY WATER IMMEDIATELY AFTER USE.
ONCE WT-113 DRIES, STRONG SOLVENTS MUST BE USED FOR CLEAN UP.

(DRYING TIMES)- Normally dries in 24 hours and can be walked upon after drying overnight at 72 degrees Fahrenheit. 72 hours are usually required before vehicle traffic is advised. Maximum cure will be achieved in 5-7 days. Low temperatures and high humidity can significantly extend drying and curing time. Moisture and dew on the surface will halt the curing process until the surface dries. This should be taken into consideration.

LIMITATIONS:

DO NOT APPLY when air or surface temperatures are below 50 degrees Fahrenheit, (10 degrees Celsius) or are expected to fall there before coating can dry.

DO NOT APPLY when air or surface temperatures exceed 90 degrees Fahrenheit or lap marking may occur.

DO NOT APPLY to wet or damp surfaces.

ALLOW for slow drying during high humidity.

DO NOT ALLOW paint to freeze. Store above 32 degrees Fahrenheit (0 degrees Celsius) .

Although resistant to oil, greas and most dilute household chemicals, TUF-TOP WT-113 will soften if exposed to brake fluid. If brake fluid is gets onto the surface, wipe up as soon as possible. This may soften the film temporarily.

TUF-TOP WT-113 will Amber /Yellow with U.V. exposure. Clear sealer will yellow significantly.

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

TECHNICAL DATA:

SOLIDS/VOLUME	39 % (WHITE) - DEPENDS ON COLOR
SOLIDS/WEIGHT	52.6 % (WHITE) DEPENDS ON COLOR
COVERAGE	175-250 SQ.FT./GAL. DEPENDING ON POROSITY/TEXTURE OF SUBSTRATE
DILUENT	WATER
CLEAN UP	SOAP AND WATER
VOC CONTENT	175 GR/LITER
ODOR	SLIGHT
APPEARANCE	DEPENDS ON COLOR
LIGHT STABILITY	FAIR
DURABILITY	EXCELLENT
ABRASION RESISTANCE	VERY GOOD/ EXCELLENT
GASOLINE RESISTANCE	EXCELLENT
CHEMICAL RESISTANCE	VERY GOOD
WATER RESISTANCE	EXCELLENT
BONDING	EXCELLENT
POT LIFE	2.5 - 3.5 HOURS @ 70F GALLON MIX 1.5 - 2.5 HOURS @ 70F 5 GALLON MIX
C.O.F.*	.62 - .86 WITH RHINO HIDE COARSE (.68 - .92) WITH 30/65 SAND (.74 - .98)

*** COEFFICIENT OF FRICTION WILL VARY DEPENDING UPON APPLICATION METHOD, FILM BUILD, SUBSTRATE PROFILE AND SURFACE CONTAMINATION. REFERENCE LISTED IS OVER A SMOOTH TROWELLED SURFACE.**

**MANUFACTURED BY: TUF-TOP COATINGS DIVISION OF MARINE INDUSTRIAL PAINT CO. INC. ST. PETERSBURG, FL.
PHONE 727-527-3382 800-459-3382 FAX 727-521-1405 WWW.TUF-TOP.COM**

**CAUTION : DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER USE. KEEP OUT OF REACH OF CHILDREN.
USE ONLY IN AREAS WITH ADEQUATE VENTILATION- SEE MSDS FOR COMPLETE SAFETY INFORMATION.**

LIMITATION OF LIABILITY: The Manufacturer and/or seller warrants that if any goods supplied prove defective in workmanship or material, that Manufacturer and/or seller shall replace them or refund the purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for his intended and User assumes all risks and liabilities. whatsoever in connection therewith Under no circumstances shall the Manufacturer and/or Seller be liable for incidental, consequential or other damages for alleged negligence, breach or warranty, or strict liability arising out of use or handling of this product. The sole liability of Manufacturer and/or Seller for any claims arising out of the use or sale of the product shall be for User's purchase price.