



# TUF-TOP COATINGS

SINCE 1938

## TUF-TOP WCV WATER CLEAN-UP VERTICAL CONCRETE AND MASONRY SEALER

### DESCRIPTION:

TUF-TOP WCV IS a very durable, water-reducible enamel for use on interior and exterior pre cast, tilt up and poured in place concrete. TUF-TOP WCV combines the durability of oil-base paints with the ease and safety of water-based paints. Old, stained, unsightly surfaces are easily transformed into attractive areas with TUF-TOP WCV. The very unique formulation of WCV allows for deep penetration into concrete to give a long lasting stain, as well as a "breathable" finish that withstands hurricane force wind driven rain ( SS-W-110 C ).

### USES:

POURED IN PLACE CONCRETE  
TILT UP PANELS & SOUND BARRIERS  
MEDIANS / WALLS / CEILINGS  
SPLIT FACED BLOCK & CMU  
DECO BLOCK & STUCCO  
BRICK AND MORTAR

### FEATURES:

PENETRATES & SEALS  
EXCELLENT EXTERIOR DURABILITY  
"BREATHABLE" FINISH  
AVAILABLE IN :  
SEMI GLOSS  
SATIN & FLAT SHEENS

### PREPARATION:

( NEW OR UNPAINTED CONCRETE )- Make sure concrete is sound and not crumbling. All surfaces to be coated must be free of dirt, dust, oil, grease, mold and mildew, curing agents, release compounds and all other contaminants. Oil and grease should be scrubbed clean with a detergent or trisodium phosphate diluted in water. Mildew should be killed with bleach. Best results will be obtained with additional pressure cleaning. New or bare and smooth pre-cast / tilt-up, and poured concrete should be etched with muriatic acid and water ( 1:2 ). Allow acid solution to react for 15-20 minutes on the surface. Concrete should then be thoroughly pressure washed or rinsed/scrubbed with water and allowed to dry completely (24 hours) before staining. A sand/water blast to a 1-1.5 mil. profile may be used in lieu of acid etching.

( NEW OR UNPAINTED STUCCO )- Make sure the surface is sound and not crumbling. All surfaces to be coated must be clean, dry, and free from all old coatings and contaminants. New stucco should be allowed to cure a minimum of 30 days, or until a p.H. reading of 11.0 or below is achieved. Pressure wash the surface thoroughly to remove all contaminants. Allow to dry completely ( at least 24 hours under favorable conditions ) before staining.

( NEW OR UNPAINTED BLOCK )- Make sure concrete is sound and not crumbling. All surfaces to be coated must be free of dirt, dust, oil, grease, mold and mildew, curing and release compounds, sealers, and any other contaminants. Pressure wash the surface thoroughly to remove all surface contamination and efflorescence. Allow to dry completely ( at least 24 hours under favorable drying conditions; maximum 20 % moisture ) before coating.

### APPLICATION:

Apply with roller, spray, or brush. Stir contents thoroughly to insure an even mixture of pigments and resins. Apply at a rate of 50 to 200 square feet per gallon depending on profile and porosity of surface. A wet edge must be kept to avoid lap marking / flashing.

## DRYING TIME:

Normally dries in 2 - 4 hours. Low temperatures and high humidity can extend drying and curing time. Moisture and dew on the surface will halt the curing process until the surface dries again and should be taken into consideration.

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## LIMITATIONS:

DO NOT APPLY when air or surface temperatures are below 50 degrees Fahrenheit ( 10 C ) or are expected to fall there before the coating will have a chance to dry.

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

DO NOT APPLY to a wet or damp surface.

DO NOT APPLY when it may rain or if dew may condense on the surface before the paint will have a chance to dry.

ALLOW for slower drying during high humidity.

DO NOT ALLOW to freeze. Store above 32 degrees Fahrenheit.

RESISTANT to oil, grease and most dilute household chemicals; but gasoline will soften the coating. If gasoline is spilled, allow it to evaporate rather than wiping up, the coating will recover and dry.

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## TECHNICAL DATA:

SOLIDS/VOLUME	22 - 24 % DEPENDING ON COLOR
SOLIDS/VOLUME	24 - 34 % DEPENDING ON COLOR
COVERAGE	250 - 300 SQ.FT./GAL DEPENDING ON POROSITY AND TEXTURE OF SUBSTRATE
RECOMMENDED	
DRY FILM THICKNESS	1.8 - 2.2
DILUENT	WATER
CLEAN UP	SOAP AND WATER
VOC CONTENT	115 GR/LITER
ODOR	SLIGHT
APPEARANCE	DEPENDS ON COLOR
LIGHT STABILITY	VERY GOOD - EXCELLENT
DURABILITY	EXCELLENT
ABRASION RESISTANCE	VERY GOOD- EXCELLENT
GASOLINE RESISTANCE	FAIR
CHEMICAL RESISTANCE	VERY GOOD
WATER RESISTANCE	EXCELLENT
BONDING	VERY GOOD
SS-W-110C	( HURRICANE FORCE WIND DRIVEN WATER )
ASTM-E-96	PERMEABILITY 4.9 - 5.4 DEPENDING ON FILM BUILD
HARDNESS	PENCIL 2H      KONIG 100
MECHANICAL PROPERTIES:	
DIRECT IMPACT	60 IN LBS.
REVERSE IMPACT	30 IN LBS.
ACCELERATED WEATHERING:	
1000 HRS. QUV UVB 313	
20 DEGREE GLOSS RETENTION	75 %
60 DEGREE GLOSS RETENTION	96 %

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**CAUTION : DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER USE. KEEP OUT OF REACH OF CHILDREN.**

**MANUFACTURED BY: TUF-TOP COATINGS DIVISION OF MARINE INDUSTRIAL PAINT CO., INC. ST. PETERSBURG, FL.  
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**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.**