

TUF-TOP WC

WATER-CLEANUP

FLOOR AND DRIVEWAY COATING

10-XX

DESCRIPTION

TUF-TOP WC FLOOR AND DRIVEWAY COATING is a very durable, water-reducible, enamel for use on concrete and asphalt driveways, garage floors, walkways, patios, pool decks, etc. **TUF-TOP WC** combines the durability of oil-based paints with the ease and safety of water-based paints. Old surfaces are easily transformed into attractive areas with **TUF-TOP WC**. **TUF-TOP WC** is Florida-formulated to be resistant to ultraviolet rays, diluted pool chemicals, oil and grease, driving rains, and hydrostatic pressure.

USES

- DRIVEWAYS AND GARAGE FLOORS
- PATIOS AND POOL DECKS
- CONDOMINIUM AND APARTMENT WALKWAYS
- ASPHALT OR CONCRETE SURFACES

FEATURES

- WATER REDUCIBLE (low odor)
- HOT TIRE PICK UP RESISTANT
- EXCELLENT EXTERIOR DURABILITY
- WEARS LIKE AN ENAMEL
- ATTRACTIVE SATIN/SEMI-GLOSS SHEEN



PREPARATION

- **New or Unpainted Concrete and Masonry** — new concrete must cure for a minimum of 30 days before applying Tuf Top WC. Concrete must be sound and not crumbling. Dirt, oil, grease, mold, mildew, and all other contaminants must be removed from the surface and the pores of the concrete to ensure that the paint has good adhesion to the substrate. Remove oil, grease, and all other contaminants using a strong detergent, TSP, or degreaser; then rinse thoroughly with water. All mold, algae, and/or mildew should be treated with a 2:1 water:bleach solution, scrubbed, and rinsed thoroughly. Best results will be obtained by pressure washing the surface with at least 3000psi to ensure complete removal of all contaminants. Slick, or smoothly troweled surfaces, must be etched with a 2:1 water:muriatic acid solution until the concrete pores are open and a sandpaper-like (80-100 grit) feel is achieved. Acid must be completely removed after application. **It may be necessary to wet mop the surface, with clean water, to remove all of the residue.** Be certain that there are no silicate sealers or densifiers on the floor. They must be removed prior to application.
- **Over Existing Paint** -- All previous coatings must be compatible and in a sound, well-adhered, condition. If unsure, apply a test sample using Tuf-Top W/C and check dry adhesion, with duct tape, after 7-10 days. All unstable coatings must be removed, down to a sound surface. Must be free from any contaminants--follow cleaning directions for new concrete. Thoroughly degrease, then pressure wash with at least 3000psi to ensure all loose coatings are removed. Allow to dry a minimum of 24 hours before applying the new coating. May not adhere satisfactorily to some alkyds, epoxies, urethanes, silicates, or silicone modified coatings. A test sample application is recommended.

APPLICATION

- **New or Unpainted Concrete** -- Apply with a roller, brush, or airless sprayer. **Prime all vehicular traffic bearing surfaces with TUF-TOP DURAPRIME primer.** One coat of DURAPRIME will penetrate into the concrete and establish a very good bond with the surface. For all applications; **two topcoats are recommended.** Apply first coat, allow to dry (2-4 hours depending on the weather), then apply a second coat. On non-traffic bearing surfaces 2 coats of W/C will be sufficient. Allow new concrete to cure for a minimum of 30 days before painting. Ph should be below 10.
- **Over Existing Paint** -- **NOT FOR USE ON STAMPED CONCRETE.** Apply with roller, brush, or airless sprayer. Two coats are required. Apply the first coat, allow to dry (2-4 hours depending on weather), then apply the second coat. May be primed with **TUF-TOP DURAPRIME if there are any concerns about the gloss/high sheen level of the existing coating.**
- **2 coats are required for optimal performance.**

CAUTION:

THIS PAINT HAS A SHEEN AND IT WILL GET SLIPPERY WHEN WET. IF THE SURFACE HAS NOT ALREADY BEEN TREATED TO REDUCE SLIP HAZARDS, TUF-TOP RHINO HIDE COARSE SHOULD BE ADDED TO THIS PRODUCT BEFORE APPLICATION TO REDUCE THIS CONDITION.
IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR AND/OR PROPERTY OWNER/MANAGER TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING THIS PRODUCT IN AREAS OF PEDESTRIAN TRAFFIC.

DRYING TIME

- Normally dries in 1-3 hours (75° or higher) and can be walked on (light foot traffic only) when dry.
- 48 hours are generally recommended before heavy foot traffic. Vehicular Traffic: 10-14 days.
- Low temperatures and/or high humidity can extend drying and curing time. Full cure in approx. 10-14 days. Rain or heavy dew/moisture will extend the full curing time generally required before driving vehicles on it.

LIMITATIONS

- Do not apply when air and/or surface temperatures are below 50° F (10°C) or are expected to fall below 50° F before the coating can dry.
- If applied when the air, or surface, temperatures exceed 90° F lap marking may occur.
- Do not apply to a wet or damp surface.
- Do not apply when rain is expected the same day, or if dew may condense on the surface before the paint will have a chance to dry.
- Allow for slower drying during high humidity.
- May not withstand ponding water during the cure time. Use a leaf blower, or broom, to remove ponding water during this time period.
- Do not allow to freeze. Store above 32°F (0°C).
- Will resist oil and grease, as well as most household and pool chemicals; however gasoline may soften the coating. If gasoline is spilled, allow it to evaporate rather than wiping it up--the coating may recover and harden.
- **NOT FOR USE ON STAMPED CONCRETE**
- **MAX TINT PER GALLON 4/OZ LTB; 8/OZ DTB; 16/OZ CTB**

TECHNICAL DATA

SOLIDS/VOLUME	22-24% depending on color
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GLOSS	Satin ASTM G523-08; @ 60 deg 15-20 +/-5; colorant dependent.
COVERAGE	250-300 sq. ft./gal depending on the porosity and texture of the substrate
DRY FILM THICKNESS	2.5 – 3.5 Mils
DILUENT	Water
CLEAN-UP	Soap and Water
VOC CONTENT	85 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
EPA AIM CATAGORY	FLOOR COATING
C.O.F *	0.64 - 0.82 - (with Rhino Hide Skid Resistant Additive: 0.74 - 0.86)

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

SS-W-110C	Hurricane force wind driven water: NO EFFECT
ASTM E-96	Permeability: 4.9 - 5.4 depending upon film build
Hardness	Pencil: 2h, Konig : 100
Accelerated weathering	1000 hrs QUV UVB 313
	20° gloss retention 75%
	60° gloss retention 96%

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

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