



# TUFF COAT®

## RUBBERIZED NON-SKID COATINGS

- ✓ **Exceptionally easy one-part application**
- ✓ **Soap and water clean-up**
- ✓ **Highly durable and impact resistant**
- ✓ **Chemical and UV resistant**



Available in various attractive stocked and large volume custom colors. See product brochure for color swatches.

### MEDIUM TEXTURE RUBBERIZED NON-SKID COATING

Tuff Coat is a single component, flexible, water-based non-skid coating created through a unique process of cross-linking urethanes, acrylics, co-polymers and recycled rubber granules to create a long-lasting non-slip finish. This product is designed to provide an attractive, highly durable, impact-resistant, non-slip surface for splash pads, kiddie and wave pools, spray parks, restroom floors, deck surfaces, natatoriums and other areas requiring slip resistance that can be used in or out of water.

Tuff Coat's flexible finish dries to 30-35 mils of thickness creating a finish that hides significant imperfections on all surfaces as well as improves existing non-skid finishes to provide additional safety. This product is low odor and should be applied with a Tuff Coat roller or low-pressure hopper spray gun.

### TECHNICAL INFORMATION

<b>VEHICLE TYPE:</b>	Urethane Acrylic
<b>COLORS:</b>	Various
<b>COMPONENTS:</b>	1
<b>SOLIDS BY WEIGHT:</b>	47%
<b>SOLIDS BY VOLUME:</b>	38%
<b>COVERAGE:</b>	45 ft <sup>2</sup> /gal.
<b>VOC:</b>	53 g/L (as supplied)
<b>FLASH POINT:</b>	196° F
<b>PACKAGED:</b>	1 Gallon, 5 Gallons
<b>THINNER:</b>	Water (no more than 5%)
<b>APPLICATION METHOD:</b>	Tuff Coat roller or low-pressure hopper spray gun
<b>MAX ROLLER THICKNESS:</b>	Tuff Coat Roller only (9" P9001 or 4" P4002)
<b>NUMBER OF COATS:</b>	2
<b>WET FILM THICKNESS:</b>	40-48 mils per coat
<b>DRY FILM THICKNESS:</b>	15-18 mils per coat
<b>APPLICATION TEMP:</b>	40°F Min / 90°F Max (Minimum time in hours)
<b>DRY TIME:</b>	
	<b>TO TOUCH</b>
90°F	0.5 hr.
70°F	1 hr.
50°F	2 hr.
	<b>TO RECOAT</b>
	DRY TO TOUCH
	DRY TO TOUCH
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**MIXING:** Due to the high solid's nature of this product, there will be significant settling that occurs in the can or pail. Stir or shake contents thoroughly to remix any settled material. While applying the product, make sure to mix the product remaining in the can or pail often to ensure proper suspension of the non-skid additive into the paint film.

**APPLICATION INFORMATION:** Stir thoroughly before use. Tuff Coat may be applied by Tuff Coat roller or spray. Applying excessively heavy films greater than 60 wet mils will lead to insufficient through-drying or mud-cracking of the paint and will yield soft paint films. Do not apply Tuff Coat on extremely humid days 90°+ RH or when rain is threatening. Do not apply in the late afternoon when working outdoors as the wet film may be adversely affected by dew. When working in cooler temperatures be sure the air and surface temperatures will remain at or above 40°F for at least 8 hours after application.

**SURFACE PREPARATION:** Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance. Surface must be free of dirt, loose paint, rust, oil, grease, wax, soap and any other foreign matter. Prep painted areas well. Remove existing mildew with household bleach instead of ammonia.

**CONCRETE:** Must be fully cured. If concrete surface has a porous texture, no further surface preparation is necessary. If concrete surface is NOT porous, then acid etching, sanding or shot blasting is necessary. Make sure to remove all remaining acid with soap and water and scrub brush. (If all acid is not properly removed, you will not create adhesion). Concrete should be completely clean and dry. Patch all imperfections, cracks, etc. with concrete patch filler and flexible joint fillers. DO NOT USE SILICONE REPAIR PRODUCTS. Prime with Tuff Coat UT-80 Adhesion Primer. After following overcoat instructions, apply two coats of Tuff Coat.

**BARE WOOD:** Sand surface smooth with 80 grit sandpaper and/or pressure wash well. Fill imperfections; sand flush and solvent clean with thinner. Apply a coat of Tuff Coat UT-80 Adhesion Primer to penetrate and seal the porous grain. Proceed with the first coat of Tuff Coat. Bare wood that has been epoxied must be thoroughly scrubbed with an ammonia/water solution then sanded with 80 grit sandpaper and solvent cleaned. Follow with a coat of Tuff Coat UT-80 Adhesion Primer to smooth the surface and provide a uniform base, then proceed with 2 coats of Tuff Coat.

**METALS:** Sand surface with 80 grit sandpaper, then solvent clean with thinner to remove residue. Apply a coat of Tuff Coat UT-95 Metal Primer following overcoat instructions, apply 2 coats of Tuff Coat.

**BARE FIBERGLASS/GELCOAT:** The entire surface to be painted regardless of age must be thoroughly prepped to remove all traces of mold release agents and wax. Sand the gel coat with 80 - 100 grit sandpaper to a dull, frosty appearance, blow off and clean surface to remove residue. If the surface is in excellent condition, proceed with a coat of Tuff Coat UT-80 Adhesion Primer. If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges, sand flush when hard, then solvent clean. Follow with a coat of Tuff Coat UT-80 Adhesion Primer to smooth the surface and provide a uniform base. Proceed with 2 coats of Tuff Coat.

**PAINTED SURFACES:** Clean painted areas. Remove existing mildew with household bleach. Never mix bleach and ammonia. If the old paint is an oil-based enamel or polyurethane, and is in good, sound condition, sand it thoroughly smooth with 80 - 100 grit sandpaper, blow off and clean to remove residue, then proceed with Tuff Coat UT-80 Adhesion Primer. If the old oil-base or polyurethane paint contained a non-skid material, scrub the non-skid surface well with abrasive cleaner. Thoroughly rinse the surface and allow to dry, then apply two coats of Tuff Coat. If the old paint is in poor condition, remove it with chemical stripper or by sanding. Proceed with instructions for the appropriate bare surface system.

**CLEAN UP:** Soap and water