



TUFFCOAT™

UT-80 Adhesion Primer

- **Exceptionally easy 1:1 mix ratio**
- **Soap and water clean-up**
- **Chemical and UV resistant**
- **Use under non-submersible and submersible Tuff Coat**

AVAILABLE IN QUART, 1 GALLON, AND 5 GALLON KITS

FAST DRYING WATER-BASED ADHESION PRIMER

Tuff Coat UT-80 Primer is a two-component water-based epoxy primer/sealer that can be used on concrete, wood, fiberglass and painted surfaces for heavy use and moist areas. Tuff Coat UT-80 can be applied to damp concrete surfaces. This primer is compatible with all Tuff Coat rubberized non-skid coatings.

TECHNICAL INFORMATION

- VEHICLE TYPE:** Epoxy
- COMPONENTS:** 2
- SOLIDS BY WEIGHT:** 58%
- SOLIDS BY VOLUME:** 48%
- COVERAGE:** 250 ft²/gal.
- VOC:** 120 g/l (mixed)
- FLASH POINT:** 200° F
- PACKAGED:** Quarts and gallons
- THINNER:** DO NOT THIN
- APPLICATION METHOD:** Roller or brush
- MAXIMUM ROLLER THICKNESS:** 3/8" - 1/2" nap
- NUMBER OF COATS:** 1
- WET FILM THICKNESS PER COAT:** 5-7 mils
- DRY FILM THICKNESS PER COAT:** 2-3 mils
- APPLICATION TEMP:** 45°F Min / 95°F Max
- DRY TIME:** Minimum time in hours (72°F , 50% RH)

	TO TOUCH	TO TOPCOAT
90°F	1/2	3
70°F	1	6
50°F	2	12



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MIXING:

Due to the solid's in this product, there will be settling that occurs in the can. Stir or shake contents thoroughly to remix any settled material. While applying the product, make sure to mix the product remaining in the cans to ensure proper suspension.

APPLICATION INFORMATION: Stir thoroughly before use. Tuff Coat UT-80 Adhesion Primer may be applied by roller or spray. Applying more than 1 coat or applying excessively heavy films will lead to insufficient through-drying 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. 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.

BARE FIBERGLASS: 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 120 grit sandpaper to a dull, frosty appearance, solvent clean with 120 Brushing Thinner 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 150 grit sandpaper, solvent clean to remove residue with thinner, then proceed with Tuff Coat UT-80 Adhesion Primer. If the old oilbase or polyurethane paint contained a non-skid material, scrub the non-skid surface well with 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.