

TUFFCOAT™

UT-80 Adhesion Primer

- Soap and water clean-up
- Chemical and UV resistant
- Use under non-submersible and submersible Tuff Coat

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 (< 5% moisture). This primer is compatible with all Tuff Coat rubberised non-skid coatings.

TECHNICAL INFORMATION			
VEHICLE TYPE	Epoxy		
COMPONENTS	2		
SOLIDS BY WEIGHT	48%		
SOLIDS BY VOLUME	40%		
COVERAGE	6-8m ² /litre (30-40m ² per 5 litre kit)		
VOC	6 g/litre (mixed)		
FLASH POINT	91°C		
PACKAGING	5 Litre kit		
THINNER	Thin maximum 5% with water		
APPLICATION METHOD	Roller or Brush		
MAXIMUM ROLLER THICKNESS	10mm nap		
NUMBER OF COATS	1		
WET FILM THICKNESS PER COAT	125 to 175µm		
DRY FILM THICKNESS PER COAT	50 to 75µm		
APPLICATION TEMPERATURE	7°C Min / 35°C Max		
DRY TIME (minimum time in hours at 22°C and 50% RH)	Temp	To Touch	To Topcoat
	32°C	½	3
	21°C	1	6
	10°C	2	12
MIX RATIO	4:1 by volume		
POT LIFE	60 Minutes		

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MIXING:

Due to the solids 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 32°C + 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 4°C 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. Prep all areas to be painted well with Ramuc Clean & Prep as well as a suitable degreaser. Surface must be free of dirt, loose paint, rust, oil, mildew, grease, wax, soap and any other foreign matter.

CONCRETE: Must be fully cured. Concrete surface must be cleaned and etched with Ramuc Clean & Prep as well as a suitable degreaser. 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 clean with a suitable cleaner and degreaser. 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, clean with Ramuc Clean & Prep 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 clean with Ramuc Clean & Prep. 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 with Ramuc Clean & Prep. If the old paint is an oil-based enamel or polyurethane, and is in good, sound condition, sand it thoroughly smooth with 80 to 100-grit sandpaper, solvent clean to remove residue with Ramuc Clean & Prep, 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 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.