PETTIT PAINT®

TUFF COAT™

PRIMER 4000/4001

- Marine grade formula
- Exceptionally easy 1:1 mix ratio
- Soap and water clean-up
- Chemical and UV resistant
- Can be used for full submersion applications

2 COMPONENT WATER-BASED EPOXY PRIMER

This two-component water-based epoxy primer/sealer can be used on concrete, wood, fiberglass and painted surfaces for heavy use and moisture areas. Pettit® Tuff Coat™ Primer 4000/4001 can be applied to damp concrete surfaces. This Primer is compatible with all Pettit Tuff Coat rubberized non-skid coatings.

Note: This primer may take longer to cure when used on moist areas.

TECHNICAL INFORMATION

VEHICLE TYPE: Epoxy
FINISH: Matte
SOLIDS BY WEIGHT: 58%
COVERAGE: 60 ft^2/qt.
250 ft^2/gl.
VOC: 120 grams/liter
FLASH POINT: 0°F
APPLICATION METHOD: Roller or spray
MAXIMUM ROLLER THICKNESS: 3/8”
NUMBER OF COATS: 1

WET FILM THICKNESS: 5-7 mils
DRY FILM THICKNESS: 2-3 mils
APPLICATION TEMP: 45°F Min / 95°F Max
THINNER/CLEANER: Water

DRY TIME: Minimum time in hours

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

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 and stir thoroughly after mixing. Pettit Tuff Coat Primer may be applied by roller or spray. Do not apply Pettit 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 45°F for at least 6 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. Remove existing mildew with household bleach instead of ammonia.

BARE WOOD: Sand surface smooth with 80 grit sandpaper, then solvent clean with Pettit 120 Thinner to remove residue. Fill imperfections with Pettit 7050 EZ-Fair Epoxy Fairing Compound; sand flush and solvent clean with Pettit 120 Thinner. Apply a coat of Pettit Tuff Coat Primer 4000/4001 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 with Pettit 120 Thinner. Follow with a coat of Pettit Tuff Coat Primer 4000/4001 to smooth the surface and provide a uniform base. Sand well and solvent clean with Pettit 120 Thinner, then proceed with 2 coats of Pettit Tuff Coat.

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 Pettit Tuff Coat Primer 4000/4001. After following overcoat instructions, apply two coats of Pettit Tuff Coat.

BARE FIBERGLASS: The entire surface to be painted regardless of age must be thoroughly prepped with 120 Brushing Thinner or 92 Bio-Blue® 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 Pettit Tuff Coat Primer 4000/4001. If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges with 7050 EZ-Fair Epoxy Fairing Compound; sand flush when hard, then solvent clean. Follow with a coat of Pettit Tuff Coat Primer 4000/4001 to smooth the surface and provide a uniform base. Proceed with 2 coats of Pettit Tuff Coat

PAINTED SURFACES: Clean painted areas with 92 Bio Blue. 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 120 Brushing Thinner, then proceed with Pettit Tuff Coat Primer 4000/4001. If the old oil-base or polyurethane paint contained a non-skid material, scrub the non-skid service with 92 Bio-Blue using a stiff bristle brush. Thoroughly rinse the surface and allow to dry, then apply two coats of Pettit Tuff Coat. If the old paint is in poor condition, remove it with Pettit EZ Speed Strip™ or by sanding. Proceed with instructions for the appropriate bare surface system.