Eco-Tuff Quick Prime Clear Primer Installation Guide

ecoprocote™
THE GREEN BUILDING COATINGS BRAND

STEP 01

PLANNING/TEST

Proper planning will save you time, money, and help you achieve a long lasting and durable coating project.

1. Measure the project area to estimate the total amount of material that may be required for the project.

2. Inspect the surface for damage, cracks, bond breakers such as existing coatings, sealers, concrete curing compounds, wood tannins, oils, grime, etc., or other foreign elements that may prohibit coating penetration. This step will determine further surface preparation options to consider.

3. Always plan on etching new or old bare concrete. Etching will ensure all loose concrete is removed and will open concrete pores for maximum penetration of the coating primer. For wood, sand as appropriate to remove existing coatings or sealers.

4. Pre-sand wood surfaces to desired texture and finish prior to application.

5. Make sure you allow sufficient dry time before starting your project.

Be sure to schedule around weather conditions and recommended temperature range.

STEP 02

TOOLS/MATERIALS

Mechanical Tool Options:
Airless Sprayer w/#.011-.015 Tip, HVLP Sprayer (1.0 -1.3mm spray tip). Low Speed Floor Buffer w/Black Pads, Sanding Discs, Pressure Washer, Commercial Wet/Dry Vacuum with Squeegee Attachment, Floor Fans, Heater.

Manual Tool Options:
3/8" - 1/2" Roller Cover, Squeegee Applicator, Paint Brush.

Miscellaneous Items:

1. Coating Primer Test Samples:
Eco-Tuff Quick Prime 2 Oz Samples

2. Surface Preparation Materials:

a) Stripping: EcoFast 100 HD Liquid or 100G GEL Paint Stripper.

b) Etching: Eco-Etch™ Pro Etcher & Cleaner.

c) Degreasing: EcoFast 500 Cleaner & Degreaser.

3. Application Supplies:
Paint Tray, Masking Tape, Delicate Surface Painters Tape, Plastic Sheeting, Drop Cloth, Shoe Covers or Shoe Spikes, Empty Buckets, Water Supply.

STEP 03

SURFACE PREP

All surfaces should be properly prepared to be free of all bond breakers such as dust, dirt, debris, oils, laitance, form release and previously installed sealers, coatings, etc.

CONCRETE: A concrete surface profile should be at a minimum (CSP1) by chemical etching with (EcoEtch Pro™), 30 - 50 grit diamond grind, or media blast for optimum coating system durability and/or desired texture. Moisture vapor transmission levels should be below 4 lbs per 1,000 square feet over a 24 hour period. Allow to dry before topcoat application.

NATURAL STONE: Use EcoEtch if efflorescence is present. Degrease and rinse clean.

WOOD: Sand imperfections and remove contaminants, sealers, coatings, etc., with appropriate grit sandpaper. Inspect wood for tannin bleed and chemical leaching from unknown reclaimed or pressure treated wood. Specialty tannin blockers may be required if excessive bleeding is witnessed. Clean thoroughly and allow to dry. Moisture levels should be below 14% to allow proper penetration and bonding.

STEP 04

APPLICATION

COVERAGE: 300-400 sq.ft. per gallon. Spread rates and coverage will vary depending on surface porosity and application method. Full chemical cure is 3 to 5 days depending on environmental conditions. **DRY TIME:** Typical 30 - 60 minutes depending on temperature. **FULL CURE:** 5 - 7 days. **INSTALLATION TEMPERATURE:** 45˚F - 95˚F. Delay installation if rain is in the forecast within 24 hours. **NOTE:** Do not apply directly to unprimed metals as flash rust may occur.

Drill mix contents before each use with a "Jiffy" type mixing blade. Use a high density foam roller for manual smooth surface applications such as countertops. Typical applications will use a 3/8" lint free nap roller, HVLP sprayer (.80-1.2mm nozzle) or airless sprayer (.012-.015 spray tip) as applicable. For best results, apply @ 3-6 wet mils depending on the porosity of the substrate for effective dry film build that fills the pores, but does not create surface puddles. Topcoats may be applied when the primer is tack free and no later than 24 hours. If waiting beyond that time, light sanding will be necessary.

Wood Sanding Sealer: When used as a primer for fine wood finishes, once the primer is dry, sand with 220 to 400 grit as applicable prior to topcoat application.

Note: This product is intended to be topcoated for optimum results.

STEP 05

TOPCOATS

Eco-Tuff Quick Prime Primer is a durable clear primer and adhesion promoter. It is intended to be topcoated with our Eco-Tuff Clear Coats and Clear Wood Finish coatings.

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