

Eco-Tuff Clear Coat Installation Guide



STEP 01

PLANNING/TEST

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

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, 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 clear coating. For wood, sand as appropriate to remove existing coatings or sealers.
4. 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 (.80 -1.3mm spray tip), Low Speed Floor Buffer w/Black Strippin Pads, Sanding Discs, Pressure Washer, Commercial Wet/Dry Vacuum with Squeegee Attachment, Floor Fans, Heater.

Manual Tool Options:
3/8" - 1/2" Roller Cover, High Density Foam Roller, Lambswool or Foam Pad Applicator, Squeegee applicator, Paint Brush.

Miscellaneous Items:

1. **Clear Coat Test Samples:** Eco-Tuff Clear Coat 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, and previously installed sealers, coatings, etc.

CONCRETE: The concrete should have a minimum surface profile of CSP-1 if this is the finish coating. Apply over compatible existing coatings within 24 hours or as instructed, otherwise profile sanding will be required for bonding.

NEW WOOD: Sand imperfections and fill unwanted divots, cracks, or blemishes with an applicable wood filler. Once all repair preparations and stains, if applicable, have been performed and cured, sand with 220-400 grit sandpaper for a desirable clear finish application. Remove all dust residue prior to clear finish application.

OLD WOOD: Test if applying over existing finishes. Sand to provide a profile for enhanced bonding. Remove incompatible or unwanted finishes by liquid stripper and/or by sandpaper. Be sure all contaminants and residues are completely removed. Moisture levels should be below 14% to allow proper penetration and bonding of the new coating.

PRECAUTION/TIPS: Very porous and old substrates may require a primer coat to fill pores, add stain blocking, and create better intercoat adhesion.

Never apply tape directly to an installed coating or stain.

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 prior to use without creating bubbles. Apply Eco-Tuff Quick Prime Clear Primer prior to topcoat application or a minimum two coats of the Eco-Tuff Clear Coat.

MANUAL APPLICATION: Use a high density foam roller designed for smooth surface applications, or low nap lint free roller. If using a brush, you may adjust viscosity flow with a little clean water.

SPRAYER APPLICATION: HVLP Sprayer (.80 -1.3mm spray tip), Airless Sprayer (.011 - .015 spray tip). Test spray to purge and adjust air pressure and volume best results. Apply a total of no less than 2 coats @ 2.5 - 4 wet mils per coat for effective dry film build. One coat primer and one coat finish or two coats finish as an example. For fine wood finishes, sand with 220 - 400 grit sandpaper between coats. Cooler or high humidity conditions will extend dry time.

STEP 05

MAINTENANCE

Eco-Tuff Clear Coat is a water and stain repelling coating. To maintain durability and increase life span, keep your coating clean with regular maintenance. Allow a minimum of 14 days prior to using copious amounts water during cleaning if possible.

Cleaning: Push broom or sweep loose or foreign contaminants, air blow or suction vacuum. Damp mop with clean water. If exterior water cleaning is desired, use a standard spray hose nozzle or pressure washer. Use a floor cleaning attachment if possible. Never use high stream nozzle.

Degreasing: For heavier duty cleaning when there is soil build up, use our pH neutral, non-toxic, EcoFast 500 All-Purpose Cleaner/Degreaser. *Never use alkaline or acidic cleaners on floor finishes as these types of cleaners will wear away the finish prematurely.*

Recoats: If touch up, spot repair, or recoat is necessary, lightly sand and clean the area prior to recoat.

Topcoat Option: If at anytime you wish to change the surface sheen or give it a refresh coat, you may apply our EcoPoly Sealer & Finish. Mop on with a microfiber mop. Available in Matte, Satin, or Gloss sheen options.

