

Eco-Poly Sealer & Finish 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. Choose your matte, satin, or gloss sheen.

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 (.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. Sealer Test Samples: EcoPoly Sealer 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

Remove all surface contaminants and bond breakers. Remove old and delaminating finishes. Degrease with EcoFast 500 Cleaner or similar, then rinse thoroughly and allow to dry.

Concrete Sealing: For best results on unsealed concrete use Eco-Etch Pro to etch and clean before sealing. Sand existing sealers or coatings to create a profile for bonding then test for compatibility and acceptance.

Wood Sealing: Power wash or scrub clean with EcoFast 500 Cleaner to remove all contaminants and rejuvenate graying wood. Sand surface imperfections or sand the wood to the desired smoothness and density prior to application. Always perform a final cleaning to remove all dust and sanding residue. Allow to dry thoroughly before sealer application.

Painted Surfaces: Sand the surface with a 80 grit to 220 grit sandpaper as applicable to create a profile for the finish sealer to bond. Thoroughly clean all sanding residue prior to application.

PRECAUTION/TIPS: Very porous and old substrates may require a primer coat to fill pores and create better intercoat adhesion. If a clear primer is required use our Eco-Tuff Quick Prime Primer.

Never apply tape directly to an installed coating or stain.

STEP 04

APPLICATION

STIR CONTENTS BEFORE EACH USE.

Apply a minimum of two (2) coats. Apply up to five (5) coats depending on the amount of surface film protection or sheen desired. Apply when surface is completely dry and surface temperatures are between 40° - 95°F @ <85% RH. Use a microfiber mop, nylon foam pad applicator, lambswool applicator, 1/4" - 3/8" microfiber or mohair roller cover.

Eco-Poly may be spray applied by garden type sprayer, HVLP, or airless sprayer with .011-.013 tip. Spray sealer in small sections followed by backroll, pad applicator, or microfiber mop. Mop the sealer onto the substrate in small sections removing all streaks or lapmarks before proceeding to the next section or backroll with roller to evenly distribute and remove puddled sealer. **DO NOT LEAVE EXCESS TOPICAL FILM OR PUDDLES.**

Dry time is typically within 20-60 minutes. Cooler or high humidity temperatures may extend dry time. Perform a water test after a minimum of 1 hour of application by lightly spraying mist of water on test area. If water repels and does not darken the substrate within 10 seconds, you have achieved effective sealing. The sealer will continue to improve efficacy throughout the cure period. If water absorbs into the substrate, apply an additional coat. Full chemical cure is 3 to 5 days.

COVERAGE: 500-2,000 sq.ft. per gallon. Depending on surface density, porosity, texture and application method.

STEP 05

MAINTENANCE

EcoPoly Sealer & Finish is a water, chemical, and stain repelling sealer. To maintain durability and increase life span, keep your sealer surface 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 or hand wipe with cloth and 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 a high stream pressure nozzle spray.

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 simply apply with microfiber mop or pad applicator. If repairing a damaged area, sanding to bevel the edges may be necessary to create a seamless repair.

