

EcoPoly Clear Finish & Sealer

Product Data Sheet



Description

Eco-Poly™ Bio-Based Polyurethane Clear Finish is a high performance, non toxic water repellant sealer formulated with an advanced plant-based urethane technology. This sustainable polyurethane sealer delivers a non-yellowing crystal clear protective finish with excellent UV resistance. We also incorporate hard solvent free resins for outstanding scratch resistance and chemical resistance combined with the bio-urethane for excellent high flexural strength that is crack resistant. Eco-Poly™ is formulated to be durable and beautiful for interior or exterior projects, making it one the most versatile high performance sealers available.

Eco-Poly™ is the best concrete sealer and best wood floor sealer to use when you desire a matte, satin, or gloss finish that provides a thin multi-layer surface barrier with excellent water beading and chemical resistance. This virtually odorless clear sealant is best applied with a microfiber mop using the same methods used when applying a floor finish. This ensures a thin film with maximum coverage and quickest return to service. Always apply a minimum of two (2) coats for optimum film and sealing function.

Long term maintenance and care is a breeze. Our hard resins allow you to high speed burnish to restore the original luster or you may refresh the finish with a periodic maintenance coat. You never have to worry about accidental combustion or residual toxic offgassing as with many competitive sealers. Save time, materials, and costs without jeopardizing your health or environmental welfare.

Intended Uses

For new, old, sealed or unsealed concrete, wood, or masonry that has been properly cured, filled, or repaired. Remove all waxes, silicone products, or other bond breakers. Prepare for sealing by degreasing (EcoFast 500 Cleaner) and/or acid etching (Eco-Etch Pro), or sanding/grinding to open up pores for the absolute optimum penetration and bonding.

**Concrete Surfaces • Wood Floors & Decks • Cabinets & Doors
Masonry Block & Pavers • Natural Stone & Tile • Painted Surfaces**

LIMITATIONS: Do not apply when surface temperatures are below 45° F or if humidity is above 80%.

Performance Features

- Water & Moisture Repellant
- Breathable Chemistry
- Chemical Resistant
- Scratch Resistant
- UV Resistant
- Multi-Surface Application
- 20-30 Minute Dry Time
- Soap & Water Cleanup

Green Building & Sustainability Features

- CDPH 2.1 VOC Emissions
- LEED v4 Transparency Report
- HPD Transparency Report
- Renewable Resource Content
- Recycled Content Material
- Produced in AZ, USA
- No Red List Chemicals
- Qualifies for CHPS

Technical Product Information

APPLICATION TOOLS & EQUIPMENT:

Protection: Gloves, safety glasses, shoe covers, plastic sheeting, rosin paper, delicate surface painters tape, rags, etc.

Manual Applicator Choices: Foam Trim Pad, High Quality Brush, 16"-18" Wood Block Applicator w/Nylon Foam Pad, Lambswool Pad, High Quality 45-90 psi pump sprayer.

Mechanical Applicators: Airless Sprayer w/.010-.012 tip, HVLP Sprayer w/ .80 - 1.3 mm tip.

SHEEN LEVEL: Matte (< 5 GU), Satin (< 25 GU), or Gloss (< 85 GU) @ 60°

OUR INGREDIENTS & SUPPLY CHAIN PROCESS: A Commitment to Sustainable Chemistry.

ESP evaluates and screens every raw material using a third party service partner comparing ingredients against the most current GreenScreen® and Red List Chemical databases prior to launching any R & D product development project. Additionally, every supplier agrees to participate in our full ingredient transparency program to ensure every ingredient they use in their material down to a minimum of 1,000 ppm, can be screened, then submitted for a LEED v4, Health Product Declaration (HPD), and other "Green Building" program reports.

TECHNICAL DATA:

Chemical Type: Bio-Based Polyurethane & Bio Emulsion Resins

Flammability: Non-Flammable

Typical Coverage: 500 - 2000 Square Feet Per Gallon
(The coverage rate will vary depending on surface texture,

Typical Dry Time: 20 - 30 Minutes

Installation Temperature: 45° F - 95° F < 80% Humidity
(Ambient & Surface Temp.)

Drying Methods: By Evaporation, Forced Heat or Forced Air Will Accelerate Drying

Viscosity: 72 KU +/- 5

Bio-Based Content: < 15%

VOC Content: 0 Grams/Liter

For Technical Assistance:
Contact your retailer or call
(602) 305-9397

Store at room temperature. Keep from freezing or extreme heat.



Eco Safety Products

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