

Acri-Soy Penetrating Sealer Product Data Sheet



Description

Acri-Soy™ Penetrating Concrete & Wood Sealer is a 100% non-toxic clear water repelling sealant formulated with our proprietary water-based plant oil hybrid emulsion chemistry to safely protect and seal porous surfaces such as concrete, wood, brick, block, and tile grout. It provides a breathable, fast drying, non film forming integral seal that will never flake or peel. Its fast, easy application will enhance the life and natural appearance of your substrate by resisting moisture, mold, mildew, efflorescence, dusting, and staining.

Acri-Soy™ is the best concrete sealer and best wood sealer to use when you desire a natural matte appearance, no change in surface coefficient of friction, and easy maintenance that doesn't require stripping. If you decide later to add a topical barrier or change the sheen, it is the perfect base for our EcoPoly Sealer & Finish. Acri-Soy™ can last a lifetime when sealing interior concrete floors including sealing garage floors, decorative plaster walls, and wood surfaces. The exterior durability is superior due to its integral breathable bond that won't peel and the inherent UV stabilizers to combat damaging UV rays.

You never have to worry about accidental combustion or residual toxic offgassing as compared to many competitive sealers. Save time, materials, and costs without jeopardizing your health or environmental welfare.

Intended Uses

For new and old unsealed concrete, wood, or masonry, that has been properly cured, filled, or repaired and all finishes or bond breakers have been removed. Prepare for sealing by cleaning, degreasing (EcoFast 500 Cleaner) and/or acid etching (Eco-Etch Pro), or sanding/grinding to open up pores for optimum penetration and bonding.

**Concrete Floors • Wood Decks • Brick Pavers • Block Walls
Plaster Finishes • Natural Stone • Tile Grout • Fiber Cement**

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

Performance Features

- Will Not Flake or Peel
- Breathable Chemistry
- Highest Industry Coverage
- Excellent Water Repellency
- UV Resistant
- Integrally Bonds & Seals
- 30-60 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 - 1.3mm tip. Use a 10"-20" Floor Buffer or Oreck Orbital Floor Buffer with a white pad for a quick and easy method of working all sealer into the substrate for a faster dry time and very minimal effort.

SHEEN LEVEL: Provides a natural integral non-film finish imparting what we term as a natural matte finish. Apply EcoPoly Sealer & Finish as a topcoat to change the sheen level to satin or gloss.

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 Emulsion Resins
Pigment Type:	N/A
Typical Coverage:	400 - 600 Square Feet Per Gallon (The coverage rate will vary depending on surface texture, porosity, and the volume of the material applied.)
Typical Dry Time:	30 Minutes to 1 Hour
Installation Temperature: (Ambient & Surface Temp.)	45° F - 95° F < 80% Humidity
Drying Methods:	By Evaporation, Forced Heat or Forced Air Will Accelerate Drying
Viscosity:	65 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

2921 W. Culver Street, #4B
Phoenix, Arizona 85009 U.S.A.
T: (602) 305-9397 E: info@eco-safety.com
www.ecoprocote.com