

## Product Data Sheet

### BIO-BASED NATURAL WOOD STAIN

TimberSoy™ is the world's leading bio-based penetrating wood stain technology that outperforms all other wood stain products. It utilizes an industry changing patented soy ester dispersion technology that is made from rapidly renewable materials, recycled content and contains absolutely no hazardous ingredients, TimberSoy™ is the preferred eco-friendly choice among professional green builders and woodworking professionals worldwide.

#### Sustainable. Durable. Beautiful.

TimberSoy™ contains over 70% bio-based content, 100% solids plant-based pigments, and does not produce hazardous offgassing. TimberSoy™ is truly the leader in sustainable wood stain technology by significantly reducing petroleum content and by meeting environmental air quality standards and many Green Building LEED criteria such as low emitting materials, rapidly renewable material content and recycled content.

The natural plant oils from our advanced soy dispersion technology effectively drives our specially engineered bio-based pigments deep into the wood surface. This natural solvent process helps replicate the function of sap for long term protection and preservation. By using nature's own chemistry to preserve and colorize wood surfaces, TimberSoy™ delivers superior durability against UV, abrasion, and weathering.

The natural oils of TimberSoy™ has the ability to replenish and preserve wood surfaces by penetrating into the growth rings and continues to offer protection all year around. The natural revitalization of wood surfaces creates a beautiful, rich look without losing grain characteristics. When you seal with Acri-Soy Penetrating Sealer, Poly-Soy TopCoat Finish or Eco-Tuff H.T. Clear, you can create the desired finish and performance objectives efficiently and safely.

### PERFORMANCE FEATURES:

- ◇ Solvent Free
- ◇ Non-Hazardous
- ◇ Non-Flammable
- ◇ Non-Film Forming
- ◇ Ultra Low VOC < 25 g/l
- ◇ Virtually Odorless
- ◇ UV Resistant
- ◇ Interior/Exterior Use
- ◇ Fast Return to Service
- ◇ Lowest Per Sq.Ft Cost
- ◇ Preserves & Protects
- ◇ Extends Wood Life
- ◇ Delivers Natural Beauty
- ◇ Mold & Mildew Resistant

### ENVIRONMENTAL FEATURES:

TimberSoy™ is an eco-friendly alternative to conventional wood stain products. It is the only stain system that utilizes the patented soy dispersion technology to effectively reach a high bio-based content and deliver better results than petroleum based counterparts.

Higher spread rates mean less material usage. Higher performance delivers longer life span with fewer recoats. It is also indoor and outdoor compatible to enable more ways to use up every last ounce to help reduce or eliminate waste.

TimberSoy™ offers true sustainability, value and performance unlike any other product in its class.

AVAILABLE AT:

### TIMBERSOY™ APPLICATIONS:

- ◇ Wood Decks
- ◇ Wood Floors
- ◇ Wood Beams
- ◇ Log Homes
- ◇ Cabinetry
- ◇ Fiber Cement
- ◇ Furniture
- ◇ Fences
- ◇ Wood Art

#### CSI Divisions:

Division 9 - Finishes, 09 9300 Staining & Transparent Finishing; 09 9400 Decorative Finishing

TimberSoy™ may assist in the following USGBC LEED Categories:

#### Materials & Resources:

- Building Reuse, MR Credit 1
- Local/Regional Materials, MR Credit 5
- Rapidly Renewable Materials, MR Credit 6
- Recycled Content, MR Credit 4
- Indoor Environmental Quality:
- Low-Emitting Materials, EQ Credit 4

### TIMBERSOY™ PACKAGING:

TimberSoy will yield approximately 400 to 600 square feet per gallon depending on wood species and application method used.

- 1 Quart Can/4 Case Pack
- 1 Gallon Can/4 Case Pack
- 5 Gallon Pail

### TECHNICAL DATA:

**VOC:** < 25 g/l

**Odor:** Very Mild. Virtually Odorless

**Bio-Based Content:** > 70%

**Installation Temperature:** 40° F [4 C] to 120° F [49 C]

Relative Humidity: 85% maximum, below 80% for best results.

**Dry to Touch:** 30 Min to 1 Hr depending on ambient temperature.

**Dry to TopCoat:** 4-6 Hours (must be dry and tack free)

**Open To Foot Traffic:** 12 Hours Light, 24 Hours Normal

**Full Cure:** 5 to 7 Days (Depending on environmental conditions)

### APPLICATION:

Apply by HVLP (high volume, low pressure) sprayer, Fine Tip Airless Sprayer, 16" NylFoam Applicator, 6" NylFoam Trim Pad Applicator, Wiping Pad, Wiping Cloth or Brush. Do not use a roller unless experienced with the use of TimberSoy™.

Obtain the latest TimberSoy™ installation guide for full application details at [www.ecoprocote.com](http://www.ecoprocote.com). Always test a small area prior to full project deployment to ensure proper surface preparation and color selection. The more porous the wood species, the darker the stain color will appear. Sample jars are available for purchase from your selected dealer. These initial steps will help determine the level of surface preparation or stain color modifications that may be necessary to achieve your desired results.

Colorant Pack Option: Dealers that offer these convenient packs, allow the user to adjust the amount of pigment for custom color applications. Reduce the amount of pigment, mix pigments, or add up to 2 colorant packs for darker hues.

Make sure all topical stain residue has been removed and that the stain is completely dry prior to sealing or application of a topical finish.