

# Acri-Soy™

## Penetrating Clear Sealer



## Product Data Sheet

### BIO-BASED PENETRATING CLEAR SEALER

A premium grade penetrating clear sealer that is formulated from advanced soy ester dispersion technology (renewable resource) and modified water-based acrylics. Acri-Soy™ is a unique environmentally compliant solvent alternative that effectively penetrates and protects porous substrate surfaces by creating a molecular bond and seal. Protects, preserves and extends substrate life.

Outperforms typical water-based sealers and provides long lasting protection against UV, moisture, efflorescence, dusting, marring, and stains. It is virtually odorless and contains no hazardous ingredients. Acri-Soy™ Clear Sealer provides a natural satin finish that does not alter the surface coefficient of friction when applied as recommended. Installation is fast, easy, and safe with unsurpassed coverage capability of 400-600 square feet per gallon. Only one coat is required for most applications. We recommend two coats for high traffic or vehicular traffic areas.

### Sustainable. Durable. Breathable.

Acri-Soy™ contains over 20% bio-based content and does not produce hazardous offgassing, Acri-Soy™ is truly the leader in sustainable sealer technology meeting environmental air quality standards and many Green Building LEED criteria such as low emitting materials and rapidly renewable material content.

The advanced soy dispersion technology acts like a petrochemical or solvent based system, but without the odor, toxicity or flammability hazards. By using nature's own chemistry to preserve and protect porous substrates, Acri-Soy™ delivers superior performance by integrating within the substrate and avoiding topical films that are more susceptible to premature wearing. This feature also allows easy spot repair and recoats without the need for stripping.

Since Acri-Soy™ is a penetrating and breathable technology, as it allows moisture to escape without lifting or degrading the functions of the sealer. It avoids the common problems of trapped moisture and contents that prematurely discolor the sealer coat. This innovative chemistry is compatible with most floor finishes when an interior gloss or topical barrier is required.

### PERFORMANCE FEATURES:

- ◇ Interior/Exterior Use
- ◇ Lowest Per Sq.Ft Cost
- ◇ Water & Stain Resistant
- ◇ UV Resistant
- ◇ Breathable
- ◇ Fast Return to Service
- ◇ Preserves and Protects
- ◇ Delivers Natural Beauty
- ◇ Mold & Mildew Resistant
- ◇ Recoats Without Stripping

### ENVIRONMENTAL FEATURES:

Acri-Soy™ is an eco-friendly alternative that offers more sustainability attributes than any other sealer available today.

- ◇ Renewable Resource Material
- ◇ Ultra Low VOC <25g/l
- ◇ Virtually Odorless
- ◇ Increase Substrate Life
- ◇ Recycled Content
- ◇ No Toxic Offgassing
- ◇ Non-Flammable
- ◇ Less Labor & Material Used

AVAILABLE AT:

### ACRI-SOY™ APPLICATIONS:

- ◇ Concrete
- ◇ Wood Decks
- ◇ Log Homes
- ◇ Natural Stone
- ◇ Fiber Cement
- ◇ Cabinetry
- ◇ Stucco
- ◇ Brick Pavers
- ◇ Masonry
- ◇ Fences
- ◇ Plaster
- ◇ Tile Grout

### CSI Divisions:

Division 7- Thermal & Moisture Protection, 07 1900 Water Repellents, Division 9 - Finishes, 09 9300 Staining & Transparent Finishing; 09 9400 Decorative Finishing

May assist with the following LEED Green Building Rating System:

### Materials & Resources:

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

### ACRI-SOY™ PACKAGING:

Acri-Soy will yield approximately 400 to 600 square feet per gallon depending on porosity and application method used.

- 1 Gallon Can/4 Case Pack
- 5 Gallon Pail
- 275 Gallon Tote

### TECHNICAL DATA:

**VOC:** < 25 g/l

**Odor:** Very Mild. Virtually Odorless

**Bio-Based Content:** > 20%

**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.

**2nd Coat:** 1 hour

**Open To Foot Traffic:** 8 Hours

**Hot Tire Resistance:** 3 - 7 Days

**Full Cure:** 3 - 7 Days [Depending on environmental conditions]

### APPLICATION:

Apply by HVLP [high volume, low pressure] sprayer, airless sprayer with #11 fine finish tip, microfiber wet/dry applicator, NylFoam pad applicator, T-Bar applicator, or applicable nap roller.

The surface area must be clean, dry, porous and free from all contaminants that may prohibit penetration. Work the product into the substrate and do not leave puddles. If puddles occur, wipe or backroll to avoid lap marks or whitening.

If applying additional topcoat finishes such as waxes or floor finish materials over Acri-Soy, be sure to allow sufficient dry time, then test for compatibility. For complete instructions, download the installation guide at [www.ecoprocoat.com](http://www.ecoprocoat.com)