

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 (natural plant oils) and modified 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 is available in a satin or low gloss sheen. 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 natural plant oils from our advanced soy dispersion technology acts like petrochemical or solvent based systems, but without the toxicity or 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.

Since Acri-Soy™ is a penetrating and breathable technology, it allows moisture to escape without lifting or degrading the functions of the sealer. When your project demands topical protection against excessive abrasion, substrate wearing or you simply wish to achieve a beautiful gloss finish, apply our Poly-Soy Topcoat system.

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 Substrate Life
- ◇ Delivers Natural Beauty
- ◇ Mold & Mildew Resistant

ENVIRONMENTAL FEATURES:

Acri-Soy™ is an eco-friendly alternative to conventional solvent or water-based sealers. It is the leading sealer technology that contains over 20% bio-based content and meets all environmental air quality standards. It does not contain hazardous ingredients nor does it contribute to lingering toxic odors, allowing safer installation and safer return to service for building occupants.

This innovative bio-based chemistry helps green builders meet Green Building LEED criteria for low-emitting materials and renewable resource material content. It also provides for a safer construction site as there are no flammable or combustible ingredients, and no hazardous reporting ingredients.

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

LEED Green Building Rating System:

Materials & Resources:

Building Reuse, MR Credit 1
Local/Regional Materials, MR Credit 5
Rapidly Renewable Materials, 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
- 55 Gallon Drum

TECHNICAL DATA:

VOC: < 25 g/l

Odor: Very Mild. Virtually Odorless

Bio-Based Content: > 20%

Solids 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

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

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

Hot Tire Resistance: 7 Days

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

APPLICATION:

Apply by HVLP (high volume, low pressure) sprayer, 16" NylFoam pad applicator, T-Bar applicator, or 3/8" or 1/2" nap roller. You may also apply the material with a pump sprayer, then back roll.

The surface area must be clean, dry, porous and free from all contaminants that may prohibit penetration. Apply material in a thin even coat and avoid puddling. If puddles occur, backroll immediately to avoid lap marks or whitening.

For enhanced substrate protection against excessive wear and abrasion, choose our eco-friendly professional grade Poly-Soy Satin or Gloss Topcoat Finish. For high commercial traffic or industrial traffic environments you may consider using our Eco-Tuff High Traffic Clear Finish system

AVAILABLE AT: