

Product Data Sheet

BIO-BASED PENETRATING DECORATIVE STAIN

SoyCrete™ is the world's leading bio-based semi-transparent decorative concrete stain. It utilizes an industry changing patented soy ester dispersion technology that is made from rapidly renewable materials and contains absolutely no hazardous ingredients. SoyCrete™ is the preferred eco-friendly choice among professional green builders and concrete artisans worldwide.

Sustainable. Durable. Beautiful.

Soy esters have been used for years as a petrochemical or solvent replacement ingredient for many premier industrial coatings because of its superior penetrating and bonding qualities. SoyCrete™ has taken the inherent qualities of this natural bio-based solvent to a whole new level by incorporating over 60% content, then adding specially engineered natural plant based pigments and water to produce a virtually odorless, non-toxic permanent penetrating stain suitable for interior or exterior applications.

SoyCrete™ takes on characteristics similar to motor oil, and is able to effectively penetrate, bond, and colorize within the substrate. The only way to remove it once cured, is to literally grind down the substrate below the depths of the stain. Unlike water-based acrylic stains or floor paints, SoyCrete™ does not leave a topical coating or film that will contribute to premature wearing or peeling.

The natural beauty of SoyCrete™ provides the variegated look of acid stain, but with more consistency, color control, flexibility, and safety. Proud installers and facility owners simply love showing off their decorative floors made from natural renewable resource materials. The overall benefits, performance and appearance leaves SoyCrete™ in a class of its own.

PERFORMANCE FEATURES:

- ◇ Acid Free
- ◇ Non-Hazardous
- ◇ Non-Flammable
- ◇ Non-Corrosive
- ◇ Ultra Low VOC < 25 g/l
- ◇ Virtually Odorless
- ◇ UV Resistant
- ◇ Interior/Exterior Use
- ◇ Fast Return to Service
- ◇ Significant Labor Savings
- ◇ Lowest Per Sq.Ft Cost
- ◇ Unlimited Designs
- ◇ Full Color Control
- ◇ Hot Tire Resistant

ENVIRONMENTAL FEATURES:

SoyCrete™ is an eco-friendly alternative to conventional concrete stain products. It is the only stain system that contains over 60% 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, no hazardous reporting ingredients, and is

AVAILABLE AT:

SOYCRETE™ APPLICATIONS:

- ◇ Concrete Floors
- ◇ Concrete Countertops
- ◇ Masonry Walls
- ◇ Stucco Walls
- ◇ Primed Drywall
- ◇ Artistic Features
- ◇ Plaster Walls
- ◇ Pre-Cast
- ◇ Fiber Cement

CSI Divisions:

Division 3 - Concrete, 03 3500 Concrete Finishing
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

SOYCRETE™ PACKAGING:

SoyCrete will yield approximately 400 to 600 square feet per gallon depending on the porosity of the substrate and application method used.

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

TECHNICAL DATA:

VOC: < 25 g/l

Odor: Very Mild. Virtually Odorless

Bio-Based Content: > 60%

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 Hour depending on ambient temperature.

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

Special Note: Dry buff with medium coarse pad to accelerate time to seal. Adjusted range from 1-2 hours with this process. Introduce air flow with fans to accelerate drying if applicable.

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) pressure pot sprayer, 16" NylFoam pad applicator, 6" NylFoam trim pad applicator, Microfiber mop, and/or sponge. Do not use a roller unless experienced with the use of SoyCrete™. Other applicators and methods may be used based upon the skill level and thorough understanding of the product.

Obtain the SoyCrete™ installation guide for full application details. Always test a small area prior to full project deployment to ensure proper porosity and color selection. 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.

SoyCrete™ is the most forgiving and versatile stain system available today. It is virtually goof-proof when you follow all procedures correctly. You can create natural decorative variations effortlessly and with trained artistic talent, the sky is the limit.