

SoyCrete Concrete Stain Product Data Sheet



Description

SoyCrete™ Decorative Concrete Stain is a durable, non-toxic concrete stain used as a natural sustainable flooring alternative that's economical, easy to install and maintain. Our advanced hybrid plant-based and water-based concrete stain is virtually odorless and is performance driven for both interior and exterior concrete applications. Choose from (36) beautiful high strength colorfast colors or our optional anti-fade infrared reflective (I.R.) colors. Both pigment types are available in a semi-transparent or semi-solid finish. The unique chemistry of SoyCrete™ Concrete Stain integrally bonds and colorizes porous cementitious surfaces, so unlike a film forming stain or paint, it will never flake or peel. Its proprietary emulsion chemistry is not only breathable to prevent delamination and increase life span, it contains special resins that help resist the formation of efflorescence.

You will find this is the best concrete stain to easily transform plain concrete into a beautiful naturally mottled surface that looks like natural stone. The mottling effect is produced even without artistic talent by nature of the semi-transparent color penetration of our concrete stain which accentuates the characteristics of the concrete surface. With artistic ability, you can mix, layer, or customize virtually any color. If you are simply looking for a darker or more uniform color appearance, select from our semi-solid colors or double the pigment load to your stain base. Save time, materials, and costs without jeopardizing your health or environmental welfare. Select SoyCrete™ as the best concrete stain for your next concrete or masonry project.

Intended Uses

For new, old, or resurfaced concrete that is restored with a new concrete resurfacer such as our Deco-Poz Concrete Microtopping. The surface must be free of all bond breakers and is best prepared by degreasing, acid etching (Eco-Etch Pro), and/or diamond grinding to a CSP-1 level profile to create optimum porosity for long lasting decorative stain.

**Concrete Floors • PreCast Concrete • Concrete Countertops
Brick Pavers • Masonry Block • Cement Board Siding**

LIMITATIONS: Do not apply when surface temperatures are below 45° F or if humidity is above 80%. Only tint with Eco-Color Colorants.

Performance Features

- Will Not Flake or Peel
- Breathable Chemistry
- Highest Industry Coverage
- Design & Color Control
- Fade Resistant + Anti-Fade
- Integrally Colorizes & Bonds
- 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, 16"-18" wood block applicator w/nylon foam pad, or microfiber mop.

Mechanical Applicators: 45-90 psi pump sprayer, 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 an quick and easy method of working all stain into the concrete floor uniformly for quick dry and very minimal effort.

SHEEN LEVEL: Provides an integral non-film finish imparting a natural looking matte finish. Select from a range of sealer finishes for added surface protection and desired sheen level options of matte, 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:	Bio-Based High Strength & I.R. Colorants
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 - 100° F < 80% Humidity
Drying Methods:	By Evaporation, Forced Heat or Forced Air Will Accelerate Drying
Viscosity:	65 KU +/- 5
Bio-Based Content:	< 25%
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

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