

SoyCrete Concrete Stain & Sealer Product Data Sheet



Description

SoyCrete Concrete Stain & Sealer is an advanced bio-polyurethane decorative stain that colorizes and seals properly prepared concrete, precast concrete, fiber cement siding, and masonry surfaces in one easy step. Choose from (36) standard colors or our optional anti-fade infrared reflective (I.R.) colors for a semi-transparent to semi-solid finish. Our advanced bio-based polyurethane and bio-emulsion technology penetrates the surface with natural plant oil derivatives that carry the pigment as deep as possible into the open pores, then forms a tenacious bond with an ultra durable water tight seal. For optimum color and sealing results, apply either two coats of the Stain & Sealer, or one coat of the Stain & Sealer and then topcoat with either EcoPoly Sealer & Finish or EcoTuff Clearcoat to increase the sheen and/or surface barrier level.

A natural mottling or stone-like effect is produced by the semi-transparent color penetration which allows some of the substrate character to show through. This accentuates the natural characteristics of the concrete or masonry surface. A double load of pigment or the use of our standard semi-solid will give more of a uniform appearance to hide more of the substrate. You can use faux painting techniques or apply random highlights to create design variations if desired. Save time, materials, and costs without jeopardizing your health or environmental welfare.

Intended Uses

For new, old, or resurfaced concrete that is restored with a new concrete resurfacer such as our Deco-Poz Concrete Microtopping. Also use this versatile stain as a color sealer to enhance or repair previously stained or painted surfaces. Interior or exterior applications suitable.

Use on:

**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 minimal effort.

SHEEN LEVEL: Provides a matte to satin sheen depending on color density and surface texture. Select from a range of topcoat finishes if desired for added surface barrier 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:

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|---------------------------|---|
| Chemical Type: | Bio-Polyurethane & Emulsion Resins |
| Pigment Type: | Bio-Based High Strength & I.R. Colorants |
| Typical Coverage: | 400 - 500 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: | 45° F - 100° F < 80% Humidity (Ambient & Surface Temp.) |
| Drying Methods: | By Evaporation, Forced Heat or Forced Air Will Accelerate Drying |
| Viscosity: | 65 KU +/- 5 |
| Bio-Based Content: | <10 % |
| 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.**



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