



SURECRETE®



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<http://www.surecretedesign.com/eco-stain/>

**ECO
STAIN**

**WATER BASED
CONCRETE STAIN**

DESCRIPTION

Eco-Stain is a liquid form, semi-transparent, water based penetrating concrete stain. Eco Stain uses the concrete's porosity and natural desire to take in moisture and allows it to pull in the unique micronized pigments to transform boring, lifeless concrete into a multi-colored, antiqued, variegated surface. When you choose any one of the twenty-nine Eco Stain colors, you are in control of its movement and beauty with its eco-friendly, zero VOC, no rinsing, no neutralizing formula.

Typical applications for Eco-Stain are concrete and concrete overlays: floors, walls, ceilings, countertops, wall panels, and other architectural elements in both residential and commercial settings.

SURFACE PREP

The principles for surface preparation for Eco-Stain are aligned with other coloring agents for cement-based products; the substrate must be:

1. Clean: The surface must be free of dust, dirt, oil, grease, paints, glues, sealers, curing agents, stamp tool releases, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may prevent proper adhesion. Customarily SCR is appropriate for cleaning. Refer to the TDS for SCR. Some cleaning may require other measures that should be evaluated (e.g. grinding, shot blasting).
2. Cured: Eco-Stain is best used on cured concrete and cured concrete overlays. One may apply Eco-Stain on not fully cured concrete, final color may not be realized until 14–28 days, or once concrete is fully cured.
3. Sound: No system should be placed on concrete or overlays that are flaking or spalling.
4. Profiled: SCR (Super Concrete Renovator) is utilized on every project to properly clean and profile concrete and cement based overlays. On surfaces mechanically abraded, SCR is still recommended.

Note: Some substrates are excessively porous. Concrete and cement based overlays that were finished poorly [*not closed with a steel trowel*], broomed, or are very old may absorb Eco-Stain so deeply that little color, if any, is visible. On these projects the use of Eco-Prime is required. See **Eco-Bond TDS** for details on how to make Eco-Prime).

TEMPERATURE/CURE

As Eco-Stain must be sealed, temperature and cure are addressed according to the selected sealer's requirements. Typically apply when surface and ambient temperatures range between 50°F (10°C) and 90°F (32°C) and will remain that way for 24 hours.

MIXING & APPLICATION

Eco-Stain comes in **(3) different sizes**, each designed to match the color chart. The color chart is based on two-applications of Eco-Stain at **"standard strength"**. Identify which of the three sizes of Eco-Stain you have and follow the mixing instructions for that exact size to ensure you are at "standard strength".

QUICK FACTS

PACKAGING

4 oz. (118mL) bottle
32 oz. Concentrate (947 mL) bottle
128 oz. Concentrate (3.8 L) jug

MIXING RATIO

See specific instructions below.

COVERAGE

200 ft.² at "standard strength" (18.6 m²) per gallon (3.8 L)

SHELF LIFE

Under normal conditions: when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened container is (12) months from the date of purchase. Storage must be under roof and off the floor. Rotate inventory to maintain product that is within limits.

32 oz. Concentrate Eco-Stain is designed to be mixed with water in order to match the color chart. Thoroughly shake the bottle to evenly dispense pigment for 10-15 seconds. Pour the Eco-Stain in to a 1 gallon mixing container (or larger) and add 96 ounces of clean water (3 quarts), and then mix for 10-15 seconds. At this point, you have created **1-gallon of "standard strength" Eco-Stain**. Eco-Stain can be diluted, if desired, to create a new shade not on the color chart. This dilution can vary from **"standard strength"** to approximately 4 parts water to 1 part Eco-Stain (4:1).

128 oz. Concentrate Eco-Stain is designed to be mixed with water in order to match the color chart. Thoroughly shake the bottle to evenly dispense pigment for 10-15 seconds. Pour the Eco-Stain in to a 5-gallon mixing container (or larger) and add 512 ounces (4 gallons) of clean water, and then mechanically mix for 1-2 minutes. At this point, you have created **5-gallons of "standard strength" Eco-Stain**. Eco-Stain can be diluted, if desired, to create a new shade not on the color chart. This dilution can vary from **"standard strength"** to approximately 4 parts water to 1 part Eco-Stain (4:1).

4 oz. Eco-Stain is "standard strength". To match color chart no dilution is required. Eco-Stain can be diluted, if desired, to create a new shade not on the color chart. This dilution can vary from **"standard strength"** to approximately 4 parts water to 1 part Eco-Stain (4:1).

SLIP RESISTANCE

Eco-Stain alone does not affect slip resistance, but the sealer selected to finish the project will influence this matter. Refer to **SureGrip TDS** and its accompanying coefficient of friction table to aid in reducing slip fall on exterior surfaces. SureFinish is used to help on interior applications, see **SureFinish TDS**.

CHOOSING A SEALER

Eco-Stain once completely dried, can be sealed with a solvent or water based: acrylic, polyurethane, epoxy, or polyaspartic. For exterior projects the use of the **HS Series Sealer** is recommended. On interior applications, many prefer a high performance coating such as **Dura-Kote Polyurethane**.

SUITABILITY SAMPLE

Always prepare an adequate number of on-site test areas on the intended substrate to establish aesthetic suitability for products' intended use.

CLEAN-UP

Eco-Stain can be cleaned up with water.

DISPOSAL

Contact your local government household hazardous waste coordinator for information on disposal of unused product.

LIMITATIONS

Raw material supply for the specialized pigments may vary by batch. Utilize the same batch for entire job or "box" multiple batches for consistency.

For use by trained professionals that have read the complete SDS.

WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Inhalation: Avoid prolonged breathing of airborne dust, particularly present during mixing. Use NIOSH approved respirator for nuisance if threshold limit values are unsafe. Skin Contact: Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. Eyes: Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.

SAFETY DATA SHEETS

The following are links to all available safety data sheets related to this product:

- [colors-stains-eco-stain-sds.pdf](#)

PRODUCT PART #'S

4 oz. Bottle	SKU# 35102012
32 oz. Bottle	SKU# 35102013
128 oz. Bottle	SKU# 35102052