ECO-STAIN

Water Based Penetrating Concrete Stain

SURECRETE DESIGN PRODUCTS

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www.TheConcreteWhisperer.com

Technical Data

Coverage:
200 sq. ft. per coat/gallon

Mixing Ratio:
Varies from no water dilution to approx. 4:1 / water.

Colors:
29 UV-Stable

Packaging
1-Quart, 1-Gallon, 5-Gallon Pail, 55-Gallon Drum

VOC Content:
0 g/l

Limitations
Apply in ambient and surface temperatures above 40ºF and rising and lower than 90ºF.

If fiber is to be utilized in concrete that is to be stained, use "stealth" fibers that do not stand proud of the finished floor.

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

Warranty
Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replace-ment 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.

CLEAN-UP
None, simply allow to dry

DESCRIPTION

Eco-Stain is a zero VOC, water based penetrating concrete stain, which is an exciting alternative to typical reactive acid stains. There are no acids or harmful chemicals integrated in its design. Since no chemical reaction takes place, there is no extended waiting time for color to reach full development. ***Eco-Stain*** helps contribute to LEED points through its zero VOC nature and by requiring zero waste water in its application (because there is no need for neutralization, cleanup, or mopping as seen in typical reactive acid stain applications).

Cement substitutes will **not** affect ***Eco-Stain*** color, unlike reactive acid stains that are dependent upon alkalinity to create a chemical reaction. ***Eco-Stains*** in blues & greens will **not** spot black in the presence of moisture and are UV stable. ***Eco-Stain*** penetrates the inherent porosity of cementitious products to produce color. Color may be "built up" without the worry of spending all the alkalinity, as with acid stain. ***Eco-Stain*** saves time on the job with no rinsing, no mopping, no neutralizing, and no residue.

Typical applications for ***Eco-Stain*** are cementitious floors, walls, ceilings, countertops, wall panels, architectural elements, and retaining walls in both residential and commercial applications.

SURFACE PREPARATION

Clean—Concrete must be thoroughly cleaned before *Eco-Staining*. Liquid curing agents should not be used on concrete that is to be stained. Nothing should block the porosity of the host surface.
For premier results in cleaning concrete prior to ***Eco-Staining***, use a black scrubbing pad with water on a rotational floor scrubbing machine.
Super Concrete Renovator (SCR) is recommended for every ***Eco-Stain*** project on concrete. ***SCR*** is a mildly acidic detergent that cleans concrete thoroughly. See Application sheet for ***SCR*** for instructions.

(***Note****: Some substrates are excessively porous. Particularly concrete that was finished poorly [not closed with a steel trowel], broomed, or very old concrete may absorb* ***Eco-Stain*** *so deeply that little color, if any, is visible. With this circumstance* ***Eco-Prime*** *is required. See separate spec. sheet for details*).

Cured— Allow concrete to cure a minimum of fourteen (14) days. Cooler climates, (highs not reaching 50°F) require curing times of twenty-one (21) days or more.

APPLICATION

Most commonly ***SP*** pump-up sprayers are utilized for first coats. However, depending upon the desired results, sponging, ragging, mopping, brushing, and nearly any type of spraying are also employed.
Applying additional coats is optional. Supplementary colors may be combined at desired rates and number of coats. Customarily apply lighter colors first.

SEALER

For interior applications, the most durable sealers are any of the ***Dura-Kote*** line. For exterior applications requiring "breathability" ***SureSeal Solvent*** or ***Hi-Gloss WB*** acrylics are suitable choices. The surface must be clean, completely dry and at least 40°F during the sealing application. Allow twenty-four (24) hours before permitting foot traffic on sealed area. Allow seventy-two (72) hours before permitting vehicle traffic on sealed area.

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