Eco-Stain

DESCRIPTION

Eco-Stain is a safe, zero VOC, UV stable, water based penetrating concrete stain, which is an exciting alternative to typical reactive acid stains. It saves time on the job with no rinsing, mopping, or neutralizing required; simply allow product to dry. Boring, lifeless, concrete can be transformed into a multi-colored, antiqued, variegated surface. Typical applications for Eco-Stain are cement based floors, walls, ceilings, countertops, wall panels, and other architectural elements in both residential and commercial settings. When combining the 29 available colors with varying dilution rates, a nearly limitless palate may be created.

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: Although Eco-Stain may color cement based products that are not cured, final color may not be realized until 14 – 28 days.
3. Sound: No system should be placed on concrete or overlays that are flaking or spalling.
4. Profiled: Not normally required, as SCR is utilized in cleaning.

(Note: Some substrates are excessively porous. 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 Eco-Prime TDS for details).

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.

APPLICATION

Mixing and handling
1. Eco-Stain’s specialized pigments will settle. Always shake container to mix thoroughly.
2. Dilute with water to any desired strength, usually between no water dilution 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: Two recognized US agencies have issued directives on minimum coefficient of friction, OSHA (Occupational Safety and Health Administration) and Department of Justice through the ADA (Americans with Disabilities Act). ADA is the more stringent of the two. ADA directs that accessible walkways have a minimum coefficient of friction of 0.6. Ramps have been directed to be 0.8. The applicator assumes the responsibility to meet these standards. Especially exterior surfaces or surfaces that may become wet, oily, or greasy require attention. Refer to SureGrip (Additive) TDS and its accompanying coefficient of friction table.

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 manufacturer/seller’s option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

**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](http://colors-stains-eco-stain-sds.pdf)