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1. PRODUCT NAME:

Solomon Colors Concrete Stain

2. MANUFACTURER:

Mailing Address:

Solomon Colors
P.O.Box 8288
Springfield, Illinois 62791

UPS and Shipping Address:

Solomon Colors
4050 Color Plant Road,
Springfield, Illinois 62702
Phone: 800-624-0261 or
217-522-3112
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3. PRODUCT DESCRIPTION

Basic Use: Solomon Colors Concrete Stains are a penetrating acid base stain that works by chemically reacting with the cement on the surface. The Solomon Colors product is used to permanently stain new concrete that has cured a minimum of 30 days, existing concrete and other concrete products that have not had curing compounds, sealers or other types of water repellents applied.

Composition and Materials: Solomon Colors Concrete Stains are a formulation of water and metallic compounds that react with cementitious materials found in concrete, concrete product and resurfacing materials.

Packaging: Solomon Colors Concrete Stains are packaged in 1 gallon containers and are ready to use.

Color Range: Solomon Colors Concrete Stains are available in 8 colors and 1 clear reducer as indicated on the "Solomon Colors Concrete Stain" color chart. Colors available: Hickory, Forest Green, Sunbaked Clay, Amber, Peppercorn, Antique Copper, Aspen, and Caribbean. Final results of stain depend on age, surface quality, color of concrete, and surface preparation. Creating an unusual one of a kind finish is what makes this product unique.

Preparation of surface, surface finish and person applying stain will affect the final results.

Limitations: Because Solomon Colors Concrete Stains react with the cement at the surface of the concrete it is recommended an inconspicuous area of the project be tested for color and reactivity before starting a project. Solomon Colors Concrete Stain provides a wonderful color stain for appropriately prepared concrete, but it cannot penetrate sealers, hide flaws in concrete finishes, stain aggregate lacking cement on the surface, or penetrate a surface that has been troweled too tight. Concrete that has been sealed, hard troweled to a very dense "burned" surface, or one previously cleaned with acid likely will not accept stain without adequate preparation. Concrete that has been saturated with oil over a long period of time may not allow a chemical reaction. Lighter colored concrete, color hardeners or resurface product will produce a lighter shade of stain. Dark base colors will be more difficult to produce a desired color because stains are transparent. This is why testing is so important. **IMPORTANT:** Green stains are for interior use only and to be used on concrete that is at least 90 days old. Green stains react with moisture and will turn dark.

4. APPLICATION

New Concrete: For new concrete DO NOT apply a curing compound, sealer or water repellents of any kind. Remove excess release agent. Allow concrete to cure a minimum of 30 days before applying stains. For interior jobs fresh concrete may need constant air movement or a dehumidifier to aid the cure process.

Surface Preparation: All curing compound, sealer, wax, oil, or any other surface coating must be removed prior to stain application. Preparation for stain may include stripping, hot water pres-

sure washing, rotary floor scrubber, sandblasting or shot blasting. Cleaning areas that have no sealers or contaminants with a non-solvent degreaser, TSP, or citrus cleaner, following with a pressure washer is recommended. Test concrete by wetting with water to see if it beads up on the surface. If water does bead up, more surface preparation is needed. DO NOT pre-clean concrete with acid. Mask off vegetation and areas to protect from overspray and contamination. Premature rinsing or unexpected rain may cause stains to run contaminating surrounding concrete and vegetation. Test an area on the actual concrete to be stained for color and reactivity before starting a project.

Applying Stain: Solomon Colors Concrete Stain is ready to use when you receive it. Two coats are recommended even if the stain has been reduced with Solomon Colors Concrete Stain Reducer. If applied too lightly or in hot conditions the stain may dry too fast to achieve the desired color. The stain/cement reactivity is only active if the surface of the concrete is wet with stain. Pour Solomon Colors Concrete Stain in an all-plastic pump up sprayer to apply in large areas. Agitation with a broom may help distribute product evenly. For small areas, an acid resistant paintbrush can be used. Allow the stain to dry before applying the second coat. The second coat will need to dry overnight before neutralizing or washing the surface clean.

5. COVERAGE

Two coats of undiluted Solomon Colors Concrete Stain is recommended covering 75 to 100 square feet total per gallon or a single coat application rate of 150 to 200 square feet per gallon. Surface condition, age, porosity, finish and applicator will affect the coverage

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rate. Older concrete or concrete with a worn surface may take additional coats. (See *Limitations*)

6. TECHNICAL SERVICES

Because of the unique nature of Solomon Colors Concrete Stains, color matching is only as consistent as the concrete that is to be stained. This cannot be done at our facility. When installing new concrete always pour multiple samples to use when testing the stain. Store samples in a safe location that will duplicate the color and finish of the project. This will allow stained sample to reflect a closer representation. A sample kit containing 1-4oz sample of each color is available. Each bottle is clearly marked with color and application instructions.

7.SAFETY

Caution: Solomon Colors Concrete Stain is an acid based product. KEEP OUT OF REACH OF CHILDREN. Always wear protective clothing such as long sleeve shirts, long pants along with rubber gloves and goggles to prevent exposure to the skin and eyes. Always wear breathing protection when using stains or any other chemicals, especially when applying with a sprayer to avoid inhalation of mist or vapors. DO NOT reuse empty container.

Ingestion: If swallowed DO NOT induce vomiting, drink water or milk. Consult a physician immediately.

Eyes: Rinse eyes with clean water and seek medical attention immediately.

Skin: Wash affected areas with soap and water. If clothes are contaminated remove and wash before wearing again.

8. LIMIT OF WARRANTY AND LIABILITY

Solomon Colors warrants this product to be free from defects and will perform when used in accordance with manufacturers written recommendation and applications instructions.

The exclusive remedy of the user or buyer and the limit of liability of the company shall be the purchase price paid by the user or buyer for the quantity of the Solomon Color product involved. Because Solomon Colors has no control over workmanship or other materials used along with our colors, we are not responsible for the final job or method used.