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BUILDING TRUST



## PRODUCT DATA SHEET

# SCOFIELD® Revive™ Exterior Concrete Stain

Scofield Revive Exterior Concrete Stain is a pigmented, ready-to-use solvent-based penetrating polysiloxane stain

### PRODUCT DESCRIPTION

SCOFIELD® Revive™ Exterior Concrete Stain is a semi-opaque, pigmented, ready-to-use solvent-based penetrating polysiloxane stain designed to add new color to uncolored concrete, or to renew color intensity and uniformity to aged, weathered, or patched, concrete surfaces. It is ideal for unifying the appearance of partial slab replacements, patches, job continuations, or slabs of different composition or mix design.

When properly applied, SCOFIELD® Revive™ Exterior Concrete Stain will deeply penetrate properly prepared newly placed concrete, old concrete, concrete pavers, or unglazed ceramics. It will dry to a flat low-luster finish with excellent weather, water, slip, and ultraviolet light resistance, without significant film build or developing a paint-like appearance.

SCOFIELD® Revive™ Exterior Concrete Stain must be topcoated with a quality Scofield sealer such as CEMENTONE® Clear Concrete Sealer, SCOFIELD® Cureseal-W™, SCOFIELD® Selectseal Plus™, or SCOFIELD® Repello® FPS.

### PRODUCT INFORMATION

<b>Chemical Base</b>	Solvent based polysiloxane
<b>Packaging</b>	1-gallon (3.8 L) cans, and 5-gallon (18.9 L) pails.
<b>Appearance / Color</b>	SCOFIELD® Revive™ Exterior Concrete Stain is available in colors to approximate all colors depicted on Scofield's Color Chart A-442. Colors are designed to produce opaque unified effects. Light applications of less than full opacity are not advised.

### USES

- Refresh color of aged concrete slabs and pavers.
- Improve color match of job continuations.
- Add color to existing concrete.

### CHARACTERISTICS / ADVANTAGES

- Deeply penetrates
- Resistant to ultraviolet light.
- Semi-opaque color helps blend patches and repairs.

**Shelf Life**

18 months from date of manufacture.

**Storage Conditions**

Store in tightly closed containers at 35°F to 120°F (2°C - 49°C).

## APPLICATION INSTRUCTIONS

When using spray equipment, always wear protective respirator, and mask adjacent areas to protect property from overspray. Dried material will be difficult to remove. Remove overspray immediately with hot water and detergent.

**Coverage Rates**

Do not thin. Coverage will depend upon method of application, surface porosity, and the texture of the substrate. Coverage on flat finished concrete is typically 100–300 ft<sup>2</sup>/gal (2.5-7.4 m<sup>2</sup>/L). Porous, broomed, or textured finishes will require more stain and coverages of 50 - 200 ft<sup>2</sup>/gal (1.2 - 4.9 m<sup>2</sup>/L) is typical.

**Equipment**

Apply SCOFIELD® Revive™ Exterior Concrete Stain by brush or acetone compatible pump-sprayer. Always wear protective clothing, goggles, gloves, and particulate respirators. Clean equipment with acetone taking care to follow all acetone safety requirements.

**Spray Applicator Guidelines:**

Acetone Compatible Pump Sprayer: Use conical tip.

Airless spray: Not advised.

HVLP spray: Not advised.

**Substrate Preparation**

Before applying stain, surfaces must be made porous and be dry and clean of all prior sealers, curing compound, oils, or other foreign materials that might prevent penetration or adhesion, and meet a Concrete Surface Profile (CSP) of 1, as determined by the International Concrete Repair Institute, (ICRI), Alexandria, VA. Grind, acid etch, power wash, or scrub surfaces with stiff bristle brushes and strong detergents to remove these undesired materials and any loose concrete laitance that may harm adhesion.

Always rinse concrete surfaces and allow them to completely dry prior to application. Plan carefully and divide work areas into sections using walls, joint lines, or other stationary features to provide natural stopping points of the application.

**Preparation and Mixing:**

Using a wooden paint stick suited for your package size, hand-stir settled pigment from the bottom of the can until all the material is off the bottom and the stain

reaches a streak-free uniform color. This will take approximately 3 to 5 minutes. If using more than one container on a large job, or material from different lot numbers, mix or “box” together to minimize any possible color variation.

SCOFIELD® Revive™ Exterior Concrete Stain is low in viscosity to maximize substrate penetration. As a result, periodically stir or shake the material to be applied every 5 minutes during application. Transfer mixed material into a roller pan or spray applicator rated for use with Acetone containing products. Remix to insure all pigment is suspended immediately before beginning application.

**Warning:** Do not use a power drill or other spark creating device to mix the material. This could ignite solvent vapors and cause a fire. Close container after each use.

**Jobsite Test Sections**

Prior to general application, representative Jobsite Test Section(s) must be produced and approved for each individual concrete surface, and for each color, stain, and sealer combination that will be created. Use Jobsite Test Sections to verify system suitability, surface preparation methods, adhesion, safety, performance, wet and dry slip resistance, application techniques, color, visual appearance, and product coverage. Do not proceed with products, techniques, or finishing systems that do not meet required specifications or meet with site owner approval.

Selected Jobsite Test Sections should be in close proximity to the larger job area, and made from the same concrete ingredients and mix design that will be later be placed. Test sections should be sized to be representative of the finished project, and be produced by the same workers who will place the concrete and apply the curing compound/sealer system. All test sections should be presented to owners for visual and performance approval prior beginning main project areas.

**Stain Application**

Avoid unsightly lap marks by applying stain to full opacity at coverage rates described using a brush, or acetone resistant sprayer.

Stir or shake containers at least every 5 minutes during

**Product Data Sheet**

SCOFIELD® Revive™ Exterior Concrete Stain

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application to ensure pigments are uniformly applied to the surface. Apply only when temperatures are between 40 °F (4 °C) and 95 °F (35 °C), and avoid application to surfaces heated above 95 °F (35 °C) from strong direct sunlight.

The preferred method of application is to saturate the surface to be stained with a pump sprayer, and work material into the substrate with a soft bristle broom until all liquid solvent has evaporated from the surface or penetrated into the substrate. Work the broom in random directions while moving from newly deposited wet areas back into the areas previously stained. Maintain a wet edge to the project to avoid lap marks. Do not allow material to dry while puddled.

If color residue remains after treatment has cured for one day, gently scrub and rinse with water to avoid tracking residual color to adjacent areas.

#### **Dry and Cure Times:**

Allow four to eight hours drying time before permitting foot traffic. Drying time will depend on temperature and surface porosity. Do not pressure wash or use aggressive cleaning methods for two weeks after application.

Clean tools and equipment with acetone, taking care to following the acetone manufacturer's instructions and safety requirements.

## **AVAILABILITY/WARRANTY**

#### **Availability**

SCOFIELD® Revive™ Exterior Concrete Stain is marketed internationally through strategically located dealers, and representatives. Scofield offers a complete line of engineered systems for coloring, texturing, and improving performance of architectural concrete. These include coloring admixtures, color hardeners, colored cementitious toppings, stains, curing compounds, sealers, coatings, repair products and texturing tools. Visit the Scofield website at [www.scofield.com](http://www.scofield.com) for further information.

## **LIMITATIONS**

SCOFIELD® Revive™ Exterior Concrete Stain will not hide variations in porosity or texture, surface blemishes or construction errors. It must only be applied at temperatures between 40 °F (4 °C) and 95 °F (35 °C). It

will not penetrate wet surfaces or frozen substrates. Do not apply if rain or surface condensation is expected within 24 hours after installation.

Surfaces to be stained must be properly prepared for this product to work. Previously applied curing membranes, coatings, sealers, oil and food residues must first be removed, or color variations may occur. Caulks, sealants, non-porous concrete, polymeric patches, or concrete made with polymeric admixtures can restrict stain penetration and develop a different look compared to regular concrete, and may not permanently stain at all.

## **BASIS OF PRODUCT DATA**

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

### DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

VOC = 332 g/l

## LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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