



IRON OXIDE PIGMENTS FOR THE CONCRETE INDUSTRY

COLORED RELEASE

- CHARACTERISTICS
- APPLICATIONS

TELEPHONE: 1-800-624-0261 • (217) 522-3112 • FAX: 1-800-624-3147 • (217) 522-3145
Website: www.solomoncolors.com • E-mail: sgs@solomoncolors.com

1. PRODUCT NAME

SGS COLORED
RELEASE AGENT

2. MANUFACTURER

Mailing Address:

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

UPS and Shipping Address:

Solomon Colors
4050 Color Plant Road
Springfield, IL 62702

Phone: 800-624-0261 or
217-522-3112
FAX: 800-624-3147 or
217-522-3145

3. PRODUCT DESCRIPTION

Basic Use: SGS Colored Release is used when stamping fresh concrete surfaces. The release is designed to create a lubricant and release membrane between the imprint tool and the concrete surface.

Composition and Materials: SGS Colored Release is composed of a dry hydrophobic powder and iron oxide coloring.

Packaging: The product is packaged in 30# plastic pails.

Color Range: SGS Colored Release is available in ten standard colors.

Cautions: Product can be irritating to eyes and skin. Avoid prolonged exposure to release powder. Repeated inhalation of respirable free dust may cause delayed lung injury. When mixing or working in a dusty atmosphere containing this material, use a respirator certified or approved by NIOSH for protection from nuisance dusts.

4. TECHNICAL DATA

Performance Properties: SGS Colored Release Agents are non-bleeding and colorfast as well as acid and alkali resistant. The product creates a non-stick membrane between

the imprint tool and the concrete surface. This allows release of the tool with minimal cleaning necessary.

5. APPLICATION

Mixing: Prior to use, fluff product by shaking and turning bucket upside down several times. Settling may occur during shipping.

Applying: SGS Colored Release Agents are packaged in 30 lb. colored pails for ease of handling. The product should be broadcast by hand across the surface of the finished slab after bleed water has disappeared. The stamping or imprint process should immediately follow the application of release agent. Ask for a copy of SGS "Solomon Colors Guide to Decorative Concrete Practices" for more detailed information.

Coverage: Each 30 lb. container should treat approximately 1000 square feet of surface area. **It is very important to fluff the product before use.** This will break up lumps of material that may have formed during shipment.

Finishing: Allow the concrete to cure for 24 to 48 hours depending on weather conditions. Sweeping excess release off with a soft broom is acceptable but a pressure washer is faster. Protect stamped surfaces from any foot traffic before release agent has been removed. Starting in one corner, clean an area large enough to stand on. Start cleaning from that corner removing only the loose release agent on the first pass. Remove all push-ups where stamps met with a chisel or putty knife while allowing the concrete to dry. After concrete is dry enough, snap chalk lines and proceed to saw cut control joints. After all joints have been cut, continue to pressure wash concrete the final time. Move the pressure washer tip a little closer to the concrete and move the tip back and forth slower on this pass removing all loose release and sawdust. A 1500-psi pressure washer with a medium tip setting is sufficient. DO

NOT leave excess release agent on the surface for shading. This will create an uneven sealer finish and possible delaminating of the sealer.

Curing: Because SGS Colored Release is a hydrophobic powder it will act as a curing compound until removed. After final cleaning allow concrete to dry and cure before applying a non-yellowing, acrylic, decorative sealer. Always apply sealers in multiple thin coats, allowing drying to the touch between coats. DO NOT apply sealer on wet concrete or allow to pool in low areas. Consult sealer manufacturers for further recommendations.

6. TECHNICAL SERVICES

The SGS Color Services Laboratory is available to provide expert assistance for your color needs. Please write or call the SGS Color Laboratory and indicate the mix design along with a sample or representation of the desired color that is to be produced.

Samples: Samples of SGS Colored Release products can be provided for pre-construction trials. It is strongly recommended that this be done in order to obtain final approval from the owners or architects requiring a project.

7. LIMIT OF WARRANTY AND LIABILITY

Solomon Grind-Chem Service, Inc. warrants that their product conforms to the description and standards as stated on the product packaging or literature. If properly applied, SGS warrants the color to be uniform, lime-proof and sunfast. 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 SGS product involved. Because SGS has no control over the workmanship or other materials used along with our colors, we are not responsible for the finished jobs, methods used, and/or multiple color combinations.