



## PRODUCT DATA SHEET

# LITHOCHROME® Antiquing Release Pro

An odorless, high-performance, powder stamp tool release that adds color accents as it provides easy stamp tool separation from wet uncured concrete.

### PRODUCT DESCRIPTION

LITHOCHROME® Antiquing Release Pro is an odorless, high-performance, powder stamp tool release that adds color accents as it eliminates the suction created when stamp tools are lifted from freshly placed wet cementitious material. Once surfaces are cured, and excess release is removed, it leaves behind color accents that increase the contrast and perceived depth of stamp patterns. The remaining contrasting color allows artisans to create concrete that simulates the look of weathered natural stone, wood grains, cobbled roads, brick walkways, or aged concrete.

Although color from LITHOCHROME® Antiquing Release Pro will be embedded into the cementitious material, a quality clear concrete sealer should be used to bond and lock color to the surface.

### USES

Use to release stamp and texturing tools while adding accent color to:

- Fresh placements of colored or uncolored concrete.
- LITHOCHROME® Color Hardener topped placements.
- Cementitious based overlays and flooring.

### CHARACTERISTICS / ADVANTAGES

- Low odor and zero VOC
- Easy to apply powder
- Prevents wet material from sticking to tools
- Improves pattern detail while adding color accents
- Deposits exterior UV stable color

### PRODUCT INFORMATION

<b>Packaging</b>	LITHOCHROME® Antiquing Release Pro is available in 25-pound (11.3 kg) pails.
<b>Shelf Life</b>	60 months
<b>Storage Conditions</b>	Store in unopened containers below 140 °F (50 °C)

**Appearance / Color**

All colors shown on LITHOCHROME Color Hardener Color Chart A-132.  
Custom colors available with minimum orders.

**Volatile organic compound (VOC) content**

Not applicable

**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.

**LIMITATIONS**

LITHOCHROME® Antiquing Release Pro is not a concrete curing compound or sealer. It is not a paint or coating. A suitable concrete sealer or coating must be used to seal the material to the substrate. It is not a mold release for precast concrete use, and should not be used as a “form release” or “Bond-Breaker.” It is a light fluffy powder that cannot be applied in windy conditions. Overly heavy application can cause loss of detail in subtle stamp or embossing patterns.

**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.

**APPLICATION INSTRUCTIONS****Coverage Rates**

For most applications, a rate of 3-4 pounds per 100 square feet is desired (1.5–2.0 kg/10m<sup>2</sup>). Enough material must be applied to create a dry boundary layer between the material to be stamped and the imprinting tool. The composition of the material to be stamped, including free water content and use of any water reducing admixtures will influence the amount of powder needed. Stamping speed and depth of imprint will also influence coverage.

**APPLICATION**

The stamping of cementitious materials should take place after all bleed water has been reabsorbed into the substrate, it is still plastic, can be moved with moderate finger pressure, and is still easily imprinted. The careful timing of each step, and repeatedly using a single technique, is important to develop consistent results. Application to younger more plastic concrete will embed more color into the surface, and stamping material in a

later state of cure will embed less color. Timing will be influenced by temperature and humidity conditions. Always prove timing and stamping technique as described in the Jobsite Test Sections portion of this document.

Successful use of LITHOCHROME® Antiquing Release Pro requires the 6 steps of **Broadcasting, Stamping, Standing, Excess Removal, Curing, and Sealing.**

**Broadcasting:** Use a soft long-bristle masonry brush to apply antiquing release. Do this by first dipping the brush into the pail of LITHOCHROME® Antiquing Release Pro to load it with material. Next, broadcast the release across the surface by flicking or shaking the brush at knee level above the surface. Repeat to develop an even layer of material that completely covers all surfaces to be stamped. Broadcasting by hand will result in lumps of material across the surface and cause uneven results.

**Stamping:** Dust a small amount of release powder onto the stamp tool, mat, or skin, and immediately place the stamp tool onto the substrate already covered with release powder. Apply pressure to the stamp as recommended by the tool manufacturer, and use any recommended impact devices to ensure a complete imprint is made. Remove the stamp according to tool manufacturer’s instructions. If wet areas appear, re-dust the stamp tool and slab, carefully replace the tool back onto the surface in the original position, and re-stamp the surface.

**Standing:** Allow the antiqued and stamped substrate to stand undisturbed until it cures to a stage where it is walkable and not altered by the chosen excess removal technique.

**Excess Removal:** Remove excess release powder to achieve the desired artistic effect. This may be done with a broom, a vacuum, power tool scrubbing, or gentle power washing. Mild detergent solutions may be used. Take care to remove all loose powder that may interfere with subsequent sealer or coating adhesion.

**Curing:** The concrete should be allowed to properly cure. Select an appropriate curing method and material that is compatible with the finish coat that will be applied. If a sheet material is appropriate, only use new and unwrinkled, non-staining, reinforced kraft curing paper conforming to ASTM C 171 Sheet Materials for Curing Concrete. If a cure and seal product is to be used, do not use sheet material.



**Sealing:** Bond and lock color to the surface by using a performance sealer such as SCOFIELD® Selectseal Plus™, SCOFIELD Cureseal-W, SCOFIELD Cureseal-S, CEMENTONE® Clear Sealer, or high quality epoxy or urethane topcoat. Follow all coating application instructions.

### Jobsite Test Sections and Samples

Prior to general jobsite use, a representative Jobsite Test Section(s) or “Mock-Ups” must be produced and approved for each individual concrete color mix design, imprinting pattern, surface finish/texture, and for each curing compound/sealer and coating combination that will be created. They must be of adequate size to be representative of the job, and utilize the same workers that will perform the final installation. For large stamp patterns utilizing multiple imprinting mats, a minimum of 100 square feet (10m<sup>2</sup>) is required. Careful attention should be paid to edge pattern terminations, and pattern rotation techniques.

Producing antiqued, imprinted concrete requires skill and practice. Timing, finishing, application and removal techniques, mix design, texture of the imprinted pattern, color combinations, weather, experience in use of the materials, sealing and other factors will significantly affect the final appearance of the surface. Construct the Jobsite Test Section in conditions as similar as possible to those expected during the larger installation.

When applicable, test completed systems for wet and dry slip resistance. Evaluate polishing or coating application techniques, final color, and visual appearance. Do not proceed with products, techniques, or finishing systems that do not meet required specifications or meet with site owner approval.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## 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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