



**SCOFIELD  
SYSTEMS**



## Your Partner in Decorative Concrete.

# LITHOCAST™ Surface Retarder 100

Lithocast Surface Retarder 100 - 3/8" to 1/2" Aggregate Exposure

### 1. Description:

LITHOCAST Surface Retarder is a liquid, spray-applied surface-set retarder that allows depth control for creating variable-etched concrete surfaces by preventing hydration of the cement on the concrete surface. LITHOCAST Surface Retarder deactivates the surface permanently and requires no polyethylene cover. Available in six formulations.

### 2. Product Benefits:

- Exposes between 3/8" and 1/2" of aggregate on concrete
- Color Coded for each grade with Fugitive Dye. Color disappears shortly after application
- Consistent Finish
- No need to cover with polyethylene
- Deactivates surface permanently
- Aids curing process

**3. Areas of Application:** Use anywhere that etched or exposed aggregate concrete surfaces are desired.

**4. Coverage:** Approximately 200-300 square feet per gallon on most surfaces or until surface is completely covered.

### 5. Surface Prep: Tools and Materials Required

- Low pressure sprayer
- Pressure washer
- Eye protection, rubber gloves, paint strainer, masking tape if overspray is an issue

### Concrete Mix Design:

LITHOCAST Surface Retarder is designed for standard 6 sack mix. A sample should be made under similar site conditions and mix to ensure desired results.

### Surface Preparation:

For best results, finish concrete with a wood float. Allow the bleed water to rise and evaporate before applying LITHOCAST Surface Retarder

**6. Application:** Apply immediately after bleed water has evaporated. LITHOCAST Surface Retarder should be applied with a low pressure sprayer evenly over surface. Care should be taken to ensure even coverage rate. There is no need to cover with poly sheeting as LITHOCAST Surface Retarder forms a film that is resistant to wind and rain. If clumps are present, pour through paint strainer to remove. Stir well before use.

**7. Removal:** Remove with pressure washer.

**8. Shelf Life:** 1 year in original, unopened container.

**9. Storage:** Do not store at temperatures below 32 degrees F (0 degrees C).

### 10. Technical Data

VOC:	0 g/L	HMIS			
Flash Point:	N/A	Health	/2	Flammability	1
		Reactivity	0	Protection	X

Scofield customer service: 1 800 800 9900

Eastern Headquarters: 4155 Scofield Road, Douglasville, GA 30134 voice: 770 920 6000 fax: 770 920 6060



SCOFIELD  
SYSTEMS

TECH-DATA BULLETIN TD-LSR100.01  
Rev. 02.26.2018



Your Partner in Decorative Concrete.

## LITHOCAST™ Surface Retarder 100

Lithocast Surface Retarder 100 - 3/8" to 1/2" Aggregate Exposure

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

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at <http://usa.sika.com/> or by calling 800-933-7452.

**Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.**

Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

**NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

SCOFIELD PRODUCTS ARE INTENDED FOR PROFESSIONAL USE ONLY

■ Scofield customer service: 1 800 800 9900

Eastern Headquarters: 4155 Scofield Road, Douglasville, GA 30134 voice: 770 920 6000 fax: 770 920 6060

[www.scofield.com](http://www.scofield.com)

© 2018 Scofield, A Business Unit Of Sika Corporation.