



**SCOFIELD  
SYSTEMS**



## Your Partner in Decorative Concrete.

# LITHOCAST™ Surface Retarder 50

Lithocast Surface Retarder 50 - 1/8" to 3/8" 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 1/8" and 3/8" 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

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