

LITHOCAST™ Surface Retarder

Color-Coded Surface Set Retarder For Exposed Aggregate Finishes

■ Exposed Aggregate Depth Selection Chart ■



Inman Residence



Protect Your Concrete with Scofield Sealers

Scofield sealers protect the surface, enhance the appearance of colored concrete, and may provide protection against contamination and chemical attack by imparting a film-forming layer on the surface of the concrete. Consult a Scofield Concrete Cures & Sealers Guide.

LITHOCAST® Surface Retarder is a water-based, biodegradable, low odor top surface retarder. Applied to the surface of fresh concrete, LITHOCAST® Surface Retarder allows for the production of exposed aggregate flatwork on curbs, sidewalks, driveways, patios, pool decks, tilt-up and precast panels, and more.

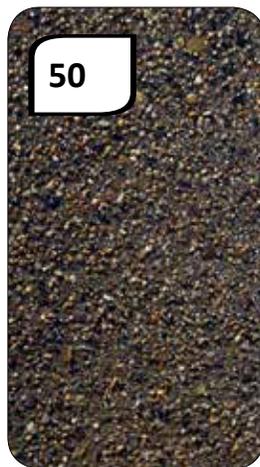
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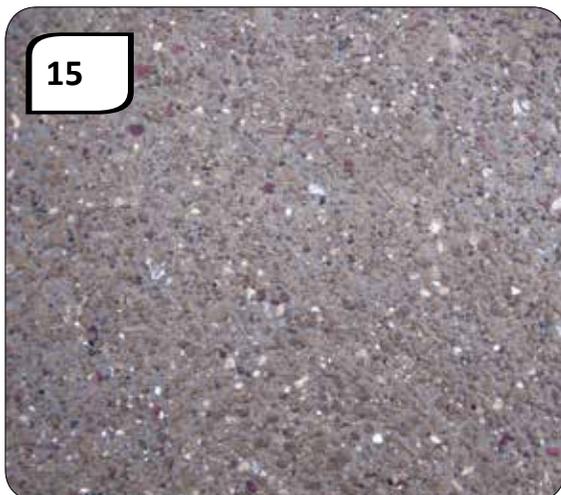


LITHOTEX™ Surface Retarder

LITHOCAST™ Surface Retarder is a water-based, biodegradable, low odor top surface retarder. Applied to the surface of fresh concrete, LITHOCAST™ Surface Retarder chemically delays the set of the surface mortar while allowing the underlying concrete to harden normally. This allows time for washing the surface, producing exposed aggregate flatwork, with subtle and varying reveals of texture and color. Apply LITHOCAST® Surface Retarder on gray concrete or concrete colored with CHROMIX® Admixtures for Color-Conditioned® Concrete. Use on poured-in-place flatwork: curbs, sidewalks, driveways, patios, pool decks, tilt-up and precast panels, and most horizontal concrete installations



- Fully cured surface is attractive and slip resistant
- VOC compliant (<10 g/L)
- Available in 5 gallon pails color-coded with dye
- Dye evaporates after application and will not color concrete
- Float or broom finish allows LITHOCAST® Surface Retarder to better penetrate the surface compared to hard-troweled concrete
- Do not apply the material until bleed water has dissipated
- Approximate coverage is 175–300 sq ft/gal (4.3–7.4 m²/L)
- Apply with a pump-up sprayer, brush, or roller
- Apply at full strength. Do not dilute
- Coverage will vary with surface texture and application method



Exposed Aggregate Finish

Water-Based, Biodegradable, Low Odor Top Surface Retarder

Formulation:	Tint Color:	Finish:	Aggregate Exposure:
LITHOCAST™ Surface Retarder 03	White	Medium acid wash finish	Medium sand texture
LITHOCAST™ Surface Retarder 05	Light Blue	Sand finish	Coarse sand texture
LITHOCAST™ Surface Retarder 15	Dark Green	Light sand blast texture	1/8" to 1/4" aggregate exposure
LITHOCAST™ Surface Retarder 50	Dark Blue	Heavy sand blast texture	3/8" to 1/2" aggregate exposure
LITHOCAST™ Surface Retarder 75	Yellow	Full depth exposure	Small aggregate 3/8"
LITHOCAST™ Surface Retarder 125	Light Green	Full depth exposure	Medium aggregate 1/2"

Review the entire LITHOCAST Top Surface Retarder TDS prior to beginning project.



Seal the Deal!

Enhance and Protect Your Concrete with Scofield Sealers

SCOFIELD® CureSeal™ Concrete Sealers

SCOFIELD® Cureseal™ concrete sealers are non-yellowing curing and sealing compounds for newly poured and existing concrete surfaces. They are formulated for curing and sealing uncolored concrete, integrally colored concrete, and color hardened (shake-on) concrete, stamped or stenciled concrete, and cementitious overlays. SCOFIELD® Cureseal™ concrete sealers are recommended for use with LITHOCAST™ Surface Retarder, as well as concrete colored with CHROMIX® Admixtures for Color-Conditioned® Concrete.

Use SCOFIELD® CureSeal™ 350 or SCOFIELD® CureSeal™ 700 (solvent-based) for exterior applications or interiors when a strong odor is not a concern. SCOFIELD® CureSeal-W™ is a water-based system useful for interior and exterior applications. Multiple light coats are necessary over the roughened etched surface. To protect the exposed aggregate finish, reseal the concrete with the same product originally used to cure.

- SCOFIELD® CureSeal™ 700
- SCOFIELD® CureSeal™ 350
- SCOFIELD® CureSeal-W™
- Consult the appropriate TDS and local air quality regulations before using

