

# COLORFAST

BY *Convergent*

# COATING

Colored Topcoat and Protective Surface Hardener

Convergent Concrete  
Technologies, LLC.

Specialty Chemical Concrete  
Treatments

115 North 1380 West  
Orem, Utah 84057  
United States of America

Office: 801-375-2280

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

**(SiRE)<sup>™</sup> Li**

Patented Technologies by Advan

Silicon Reactive Lithium  
Concrete Treatment

## PRODUCT DESCRIPTION

COLORFAST™ COATING is a hybrid inorganic/organic Nano-Lithium® enhanced high performance coating for concrete floors. This product is a versatile, low-VOC alternative to epoxies, paints, acrylics and polyurethanes. COLORFAST™ COATING is quick drying, breathable and designed for both interior and exterior applications. This unique coating offers exceptional du-rability and bond strength, is highly resistant to solvents and petroleum-based materials, and is easy to repair and maintain. COLORFAST™ COATING dries to a very hard, colored opaque semi-gloss finish that will not yellow. This VOC-compliant treatment provides long-lasting surface protection and comes in a variety of colors.

## KEY BENEFITS

- Out-performs epoxies, urethanes and acrylics in durability, adhesion and longevity
- Stain resistant, abrasion resistant
- Breathable, allows transmission of vapors
- Low tensile strength – does not peel back and curl when damaged
- Easily repairable: just sand and reapply
- Will not peel, flake, bubble or delaminate
- Dries quickly, low odor
- Environmentally friendly alternative to epoxies
- VOC compliant, may contribute to LEED points (IEQ credit)

**Customer Service:**  
Call 1-866-375-2280

**Visit our website:**  
[www.convergentconcrete.com](http://www.convergentconcrete.com)

**Or scan the code:**



## USES

Grocery Stores, Parking Garages, Fire Stations, Sidewalks, Driveways, Loading Docks, Aircraft Hangars, Automotive Dealerships, Shipping Terminals, Vehicle Maintenance Areas, Office Buildings, Healthcare Facilities, Cafeterias/Restaurants, Correctional Institutions, Retail & Shopping Centers, Schools, Stadiums, Veterinary Clinics, Common Areas, Laboratories, Lobbies, Mechanical Rooms, Mezzanines, Manufacturing Facilities, Warehouses, Storage, Distribution Centers, Food Processing Plants, Textile Mills, Wastewater Treatment Plants, Pharmaceutical Plants, Electronic Facilities, Cold Storage/Freezers, Beverage Bottling Plants, Chemical Processing Plants, etc.

## APPLICATION

To achieve consistent application, practice applying product on a test concrete slab before using on a jobsite. Apply only when temperatures will be above 40°F (4°C) for at least 2 hours following application. Allow a minimum 28 days cure time for new concrete prior to preparation and application.

Equipment: autoscrubber (pressure washer for applications over existing coatings), microfiber pad, 200-grit metal-bond diamond grinding tools, 1/4"-nap roller and pan, edging paintbrush, masking tape, masking paper and/or plastic sheet.

Surface Preparation: To create a smooth but porous surface, it is ideal to wet grind the surface with 200-220 grit metal diamonds. This step opens the pores of the substrate and allows better penetration and adhesion. (Product may be applied to rough/broom-finished concrete without further profiling.) Clean surface with autoscrubber, wipe with microfiber pad, and perform a white-rag wiping test to ensure all dirt and dust has been removed. Do not use citrus or acidic cleaners. If acidic or d-limonene cleaners have been used, neutralize the surface using an alkaline cleaner (TSP, Tide laundry detergent, etc.).

Remove grease and oil according to ASTM D4258-83 and remove release agents according to ASTM D4259 – 88. Refer to SSPC-SP13/NACE No 6 mechanical or chemical surface preparation methods for preparing concrete to suitable cleanliness for intended service.

For application over previously existing coatings, prepare surfaces using SSPC-SP12/NACE No. 5 low pressure water cleaning methods to remove surface contamination. Supplement SSPC-SP 12 LPWC with SSPCSP1 solvent cleaning and SSPC-SP2 and 3 to clean areas of corrosion and loose or flaking paint (feather edges of sound, existing paint back to a firm edge). Sand glossy surfaces to provide profile.

After surface prep is complete, ensure the removal of dust or residue by rinsing the surface repeatedly with clean water until the rinse water runs clear. Mask areas that do not receive COLORFAST™ COATING.

Application: Thoroughly mix product immediately before applying. Pour product into a paint tray and roll onto the surface. Rollers with 1/4" nap are preferred. May require hand-brushing to cut in edges and intricate areas. Apply in thin, even layers. A minimum of 2 coats is required; lighter colors may require additional coats. Each coat must dry completely before next coat is applied –usually about one hour. For an anti-slip or high friction surface, sprinkle anti-slip aggregates or reflective glass beads (120 mesh) immediately on wet surface of final coat.

Once coating is dry (approximately one hour), apply two very thin coats of COLORFAST™ FINISH or COLORFAST™ GLOSS using a microfiber applicator pad. Let dry between coats. The surface is ready for use when dry.

*\*Before application, always do a small test sample in a less-visible area to be sure there are no variables or contaminants in the substrate that may be incompatible with this product.*

**Technical Service**

Customer Care:

Toll Free 866-375-2280  
or 801-375-2280

**Email:**

info@convergentconcrete.com

**Web:**

www.convergentconcrete.com

**For Chemical/Medical Emergencies:**

Infotrac 800-535-5053

Outside USA 352-323-3500

**ESTIMATED COVERAGE**

Machine-troweled concrete: 300-400 ft<sup>2</sup> per gallon (7.4-9.8 m<sup>2</sup> per liter)

Broom-finished concrete: 150-250 ft<sup>2</sup> per gallon (3.7-6.1 m<sup>2</sup> per liter)

\*Coverage rate will vary with concrete porosity and environmental conditions.

**CLEAN UP**

Use soap and water to clean tools and equipment. Although COLORFAST™ COATING is non-toxic and environmentally safe, it is alkaline. Use up or dry out extra material and dispose of according to local regulations. Do not pour into sewer systems or storm drains.

**MAINTENANCE**

Clean with Pentra-Clean™ (CR) or neutral pH cleaners as needed. If additional protection or gloss is desired, apply ColorFast™ Finish or ColorFast™ Gloss. Consult a Convergent Concrete representative for further information.

**SAFETY/HEALTH INFORMATION**

KEEP OUT OF REACH OF CHILDREN.

Do not drink. If swallowed, do not induce vomiting; drink two glasses of water and call a physician. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists. Clean skin with soap and water.

CAUTION: Surfaces wet with COLORFAST™ COATING may be slippery.

Additional precautions, safety information and first aid treatments are contained in the Safety Data Sheet.

**PROPERTIES**

Form: Liquid

Color: Varies

Odor: Moderate paint-like odor

Total Solids: 30-37%

Specific Gravity: 1.01

pH: 11-12

Flash Point: N/A

V.O.C. Content: <50 g/L

Freeze point: 32°F (0°C)

Viscosity: 5200 CPS

Shelf Life: 1 year in unopened, sealed container

**PACKAGING**

1-Gal Pail • 3.79 L

5-Gal Pail • 18.93 L

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**STANDARD COLORS**

White, Black, Wheat, Beige, Sand, Morning Fog Gray, Neutral Gray, Charcoal Gray, Chocolate Milk, Raw Umber, Burnt Umber, Cascade Green, Real Red, Egyptian Blue, Summer Sun

**LIMITATIONS**

Protect from freezing. Mix well before use.

COLORFAST™ COATING will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces. If COLORFAST™ COATING comes into contact with glass, fabric, metal, or painted surfaces, immediately wipe contaminated surfaces with a damp cloth, then wipe dry with a second clean cloth.

Make certain the most current versions of the COLORFAST™ COATING Product Data Sheet and SDS are being used. Call Customer Service (1-866-375-2280) or visit our website (www.convergentconcrete.com) to find additional tips, guidelines and specifications. Proper application is the responsibility of the user. Field visits by Convergent Concrete Personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the job site.

**WARRANTY**

The product and application information contained herein is offered in good faith and we believe it to be accurate. However, since conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Convergent Concrete Technologies, LLC's sole warranty is that our products will meet our specifications at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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Refer to www.convergentconcrete.com for latest Technical Data Sheet and MSDS.  
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**UNIQUE STRENGTHS, UNMATCHED PERFORMANCE™**