

# COLORFAST™

BY *Convergent*

# STAIN

Color Stain and Protective Surface Hardener

Convergent Concrete  
Technologies, LLC.

Specialty Chemical Concrete  
Treatments

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

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nanoLithium

Patented Technologies by Advan

Nano-Lithium® (NL) Concrete Treatment

## PRODUCT DESCRIPTION

COLORFAST™ STAIN is a chemically reactive, Nano Lithium® enhanced product that creates beautiful, durable colored concrete. For application on overlays, profiled concrete, and exterior concrete, this high-solids treatment utilizes lithium densifier and a proprietary ultra-performance binder to anchor color to the concrete. It hardens and protects both interior and exterior slabs and provides stunning, long-lasting color that will not peel or flake.

COLORFAST™ STAIN is an ideal solution for all construction phases and maintenance projects that require superior and enduring color, as well as protection against UV radiation, water intrusion, aggressive chemicals, abrasion, and corrosion. This breathable stain comes in a variety of colors. COLORFAST™ STAIN is low in VOC's, environmentally friendly and has a very low polymer odor.

## KEY BENEFITS

- Creates a stronger, better-looking finish that is dust-proof and resistant to staining and deterioration
- All-in-one sealer and color that is UV stable
- Meets OSHA and ADA coefficient of friction standards
- Out-performs epoxies, urethanes and acrylics in abrasion resistance, durability, adhesion, and maintenance costs
- Will not peel, flake, blister, or delaminate
- User friendly, dries quickly with low odor
- Maintenance is reduced and re-coating is simple
- 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:**



## 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 7–14 days cure time for new concrete prior to preparation and application.

Equipment: 200-grit metal bond diamond grinding tools, autoscrubber, microfiber pad, low-pressure sprayer with conical tip, soft broom, masking tape, masking paper and/or plastic sheet.

## INTERIOR/SMOOTH/TROWELED CONCRETE

Surface Preparation: Preparation and cleanliness of concrete are essential for successful stain application. To create a smooth but porous surface, it is ideal to wet grind with 200-220 grit metal diamonds. (Do not use resin-bond or hybrid-resin diamonds.) This step opens the pores of the substrate and allows better penetration and adhesion. (Extremely rough or damaged floors may need coarser grinding before 200-grit 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 laun-dry detergent, etc.)

Mask areas that do not receive COLORFAST™ STAIN to protect from overspray.

Application: Mix product thoroughly with a mechanical mixer to ensure color uniformity. Apply using a low-pressure, pump-up, airless, or mechanical sprayer with a conical tip (very fine mist - do not use a fan tip). Apply material evenly at approximately 600-700 ft<sup>2</sup> per gallon (15-17 m<sup>2</sup> per liter). Do not over apply the product. Use a circular motion and maintain a consistent, even spray. Let product sit until it starts to dry in some areas. Using a very soft bristle broom, lightly broom out any pooled material.

Allow material to dry for 30 minutes minimum (until completely dry to the touch), then apply a second application of COLORFAST™ STAIN, repeating the steps above. Additional applications may be added until desired depth of color has been achieved. Allow each application to dry completely before the next application.

Once stain 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.

## EXTERIOR/ROUGH SURFACE

Surface Preparation: Clean surface with autoscrubber. Surface should be clean of dust and debris and completely dry.

Mask areas that do not receive COLORFAST™ STAIN to protect from overspray.

Application: Mix product thoroughly with a mechanical mixer to ensure color uniformity. The application for exterior concrete is the same as interior except coverage rate will be closer to 300-400 ft<sup>2</sup> per gallon (8-13 m<sup>2</sup> per liter).

Once stain 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.*

## ESTIMATED COVERAGE

Machine-troweled concrete: 600-700 ft<sup>2</sup> per gallon (15-17 m<sup>2</sup> per liter)

Broom-finished concrete: 300-400 ft<sup>2</sup> per gallon (8-13 m<sup>2</sup> per liter)

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

**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

**CLEAN UP**

Use soap and water to clean tools and equipment. Although ColorFast™ Stain 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**

Routine sweeping, mopping, and washing of floors with water and Pentra-Clean™ (CR), Pentra-Clean (DC)™ or neutral pH cleaners is recommended. Plain water is sufficient for most environments. DO NOT USE cleaners that are acidic or that have citrus (d-Limonene) or Butyl compounds. Consult a Convergent Concrete Representative for further information.

**MAINTENANCE (Commercial Use)**

Routine sweeping, mopping, washing and mechanical scrubbing of floors with water and Pentra-Clean™ (CR), Pentra-Clean (DC)™ or neutral pH cleaners is recommended to maintain the appearance and protection of the finish. When using a mechanical scrubber, add 4 oz of the cleaner per 15 gallon water tank. We recommend using red or white pads on the machine. DO NOT USE cleaners that are acidic or that have citrus (d-Limonene) or Butyl compounds. Consult a Convergent Concrete representative for further information.

When possible, burnish interior floors with a 1500 grit diamond pad once a week, immediately after cleaning. This will keep the floor's finish smooth, glossy and clean. Reapply COLORFAST™ FINISH once every year and more frequently in high traffic areas to rejuvenate appearance and help prevent stains, spills and the wearing of color beneath.

**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™ STAIN may be slippery. Additional precautions, safety information and first aid treatments are contained in the Safety Data Sheet.

**PROPERTIES**

Form: Liquid

Color: Varies

Odor: Slight polymer-like odor

Total Solids: 17%

Specific Gravity: 1.09

pH: 11-12

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

Flash Point: N/A

Freeze Point: 32°F (0°C)

Shelf Life: 6 months in unopened, sealed container

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**PACKAGING**

1-Gal Jug • 3.79 L  
5-Gal Pail • 18.93 L  
55-Gal Drum • 208.20 L  
275-Gal Tote (IBC) • 1040 L

**STANDARD COLORS**

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

**LIMITATIONS**

COLORFAST™ STAIN is chemically resistant and helps reduce staining, but some compounds, especially acids, may damage the surface.

COLORFAST™ STAIN will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces. This product will not alter the profile of a surface. Not suitable for asphalt, non-cementitious surfaces or painted surfaces.

If COLORFAST™ STAIN 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™ STAIN 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](http://www.convergentconcrete.com) for latest Technical Data Sheet and MSDS.

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**UNIQUE STRENGTHS, UNMATCHED PERFORMANCE™**

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