

# STRiN:FORTIFY MAX

## PREMIUM SILICA-FREE DENSIFIER AND 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)

STRiN

### PRODUCT DESCRIPTION

STRiN: FORTIFY MAX is a high concentrated silica-free technology that uses its small molecules to thoroughly penetrate the surface and, through an ionic reaction, creates insoluble calcium-silicate hydrates. Leaving the surface of existing or newly placed concrete harder than any other densifier available. The resulting concrete surface offers everything you'd want in a densifier: hard, dense, easy to polish or burnish, dustproof, and simple to clean.

### KEY BENEFITS

- Extremely simple application, with no rinsing required
- Hardens concrete and terrazzo while preserving the surface's natural look
- Penetrates, with no film to lift or peel off, and allows abrasive tooling to work more effectively
- May be applied in temperatures as low as 25°F
- Does not contribute to surface ASR or surface crazing
- Resists dusting, making concrete easier to maintain
- 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

Power-Troweled Concrete, Tilt-Up Construction Slabs, 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.

## APPLICATIONS

May be applied as low as 25°F. Using a sprayer, apply STRiON:FORTIFY evenly on the surface. Keep the surface wet with product for at least 20 minutes, adding more product where needed. If product is being used during the polishing process, apply after the last cutting step, then wait until the concrete is no longer wet on the surface. You can then continue grinding and polishing to the intended final surface profile and desired finish.

On existing concrete, clean surface before application to remove any dirt, laitance, curing compounds or coatings that may prevent STRiON:FORTIFY from penetrating the surface. 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.). A slight residue may occur after application. If it does, it removes very easily with water.

The surface is ready for use when dry to touch.

*\*It may be necessary to spray water on hot concrete with a surface temperature above 90°F (32°C) to cool the surface prior to application so STRiON:FORTIFY MAX does not flash-dry on the surface. Proceed with product application once the surface is 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: 550-650 ft<sup>2</sup> per gallon (13.5-16 m<sup>2</sup> per liter)

Broom-finished: 300-350 ft<sup>2</sup> per gallon (7.4-8.6 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 STRiON:FORTIFY MAX is non-toxic and environmentally safe, use up or dry out extra material and dispose of it according to local regulations. Do not pour into sewer systems or storm drains.

## MAINTENANCE

Clean with Pentra-Clean™ (CR), Pentra-Clean™ (DC) or neutral pH cleaners as needed. If additional protection or gloss is desired, apply Pentra-Finish™ (HG), or Pentra-Guard® (EXT). Consult a Convergent Concrete Representative for further information.

**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

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

**PROPERTIES**

Color: Clear

Odor: None

pH: 4-5

VOC Content: 0g/L

Flash Point: N/A

Freeze Point: 25°F (-3.9°C)

Shelf Life: 1 year in unopened factory sealed container

**PACKAGING**

5 Gal Plastic Pail 43.25 lbs.

55 Gal Drum 475.75 lbs.

275 Gal tote (IBC) 2,378 lbs.

**LIMITATIONS**

STRiON:FORTIFY MAX will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces. Not suitable for asphalt, non-cement surfaces or painted surfaces. (Paint and coatings may be applied over the top of STRiON:FORTIFY MAX)—follow paint or coating manufacturer's instructions).

If STRiON:FORTIFY 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 STRiON:FORTIFY MAX 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.

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**WARRANTY**

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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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