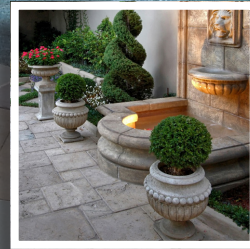




Global Sealer
Technologies

Stain Block Elite



*Invisible Penetrating Fluoropolymer
Impregnating Sealer for Hardscape Surfaces*



Stain Block Elite is a state-of-the-art penetrating sealer that is equally effective on porous and dense surfaces such as concrete, natural stone and masonry.

- Water-based, solvent free and low odor
- Excellent penetration, long lasting
- Interior and exterior use
- Repels gas, oil and grease
- No change to surface appearance
- Silicone free, re-coatable
- Easy application and fast drying
- Water and stain resistant
- 3-5% color densification

www.gstinternational.com



Stain Block Elite

Invisible Penetrating Fluoropolymer Impregnating Sealer for Hardscape Surfaces

Overview

DESCRIPTION:

Stain Block Elite is a state of the art, water and stain resistant, penetrating fluoropolymer impregnating sealer. It has been specifically designed for porous to dense concrete, brick, natural and manufactured stone surfaces. When dry it is virtually invisible, leaving the surface with its original appearance and breathability. It resists oil and grease stains, rust stains, moss, mildew and spalling problems associated with freeze/thaw cycles. **Stain Block Elite** provides superior protection against moisture penetration, thereby reducing the formation of efflorescence.

Stain Block Elite chemically bonds with the silicates present in the surface, forming an insoluble barrier that will not fade, yellow, crack or peel. It is highly alkaline resistant and designed for use on dense surfaces such as marble, granite, limestone, travertine, polished or tumbled stones, concrete, brick, pavers, slate, precast concrete, tile and manufactured or natural stone. It is easy to apply and fast drying. Commonly used in both commercial and residential applications, i.e. dining, food preparation and serving areas.

LIMITATIONS:

Will not resist moisture where hydrostatic pressure is active.
Do not use as a pre-grout sealer. Once installed, this product is not removable.

USE ON:

- Concrete
- Marble and Travertine
- Natural stone
- Vitrified brick
- Tumbled stone tile
- Exposed aggregate concrete
- Manufactured stone
- Concrete roof tiles

FEATURES:

- Water-based, solvent free and low odor
- Excellent penetration, long lasting
- Interior and exterior use
- Repels gas, oil and grease
- No change to surface appearance
- Silicone free, re-coatable
- Easy application and fast drying
- Water and stain resistant
- 3-5% color densification

Specifications:

VOC: 0 g/l – (0 lbs./gal.)

FLASH POINT: 240°F (-115°C)

WEIGHT PER GALLON: 8.4 lbs.

APPEARANCE: Clear to Light Amber

ODOR: Mild

PACKAGE VISCOSITY: 20 sec. Zahn Cup #2

SOLIDS by VOLUME: 2.5%

COVERAGE: 200 - 1000 sq.ft./gal

Theoretical is 200 to 1000 sq. ft./gal. depending on texture and porosity of the surface to be sealed and method of application. For exact coverage rates, a measured quantity to proper application over a known area will provide a square foot coverage rate for a specific job.

DRY SCHEDULE:

Dry Time: 30 mins to 3 hr

Rainproof: 12 hr

Cure Time: 48-72 hr

GST PRODUCT CODE: GST 510

SHIPPING DESCRIPTION:

Ground/Air/Vessel Not regulated

Required Label: Not required

Required Marking: Not required

UNIFORM FIRE CODE: Non combustible

STORAGE TEMPERATURE: 35° F. - 120° F.

KEEP FROM FREEZING

SHELF LIFE: Warranted One Year

HMIS RATINGS: H - 1; F - 0; R - 0; PP - H

CLEAN UP: Water

REMOVE: Not removable

Available in one gallon and five gallon sizes. 55 gallon drums and 275 gallon totes are also available upon request.

NOTE: Meets or exceeds Federal EPA standards for VOC compliance.
Meets or exceeds South Coast Air Quality Management District and the Bay Area Air Quality Management District, for VOC compliance of less than 100g/l required by the State of California.

MANUFACTURED IN THE USA



IMPORTANT NOTE:

Before use on a job, thoroughly test this product on an inconspicuous area to assure performance and appearance. Use only in well ventilated areas. Immediately remove pools or puddles where over application has occurred.

SURFACE PREPARATION:

Cleaning your hardscape project with a pressure washer and/or a surface cleaner is the first step in preparing for a successful project. It is strongly recommended to utilize a heated pressure washer to aid in the cleaning process. A heated pressure washer in conjunction with **Pro Grade Cleaner** will remove most organic stains, weeds, and old polymeric sand in considerably less time than it would take with a cold water unit. A heated pressure washer will also aid in the removal of residual sealer and decrease the labor when 'stripping' old sealer off.

Stringent cleaners such as muriatic acid can be very harmful to your pavement, causing irreversible damage to the surface. Most colorants for concrete are made from iron oxide (FeO₂) or better known as rust. Strong acids like muriatic acid will dissolve these pigments permanently changing the appearance and etching the surface.

Allow product to dry thoroughly before applying a sealer.

THINNING:Not required - use as is

APPLICATION:

GST's Stain Block Elite is applied with our **Low Volume Pump Sprayer**. Applying sealer on perimeter edges with a roller is acceptable to eliminate overspray on vegetation and surrounding structures. Using the **GST Low Volume Pump Sprayer**, add sealer up to the top of the GST Logo printed on the sprayer. Pump the sprayer approximately 30 times to pressurize the tank. Hold the spray wand 8"-10" from the surface and begin to apply the sealer using an overlapping circular motion to ensure an even application. To maintain a consistent even flow of sealer, it will be necessary to continually pump up the sprayer as the pressure in the tank decreases.

One saturation coat will seal and protect the surface. **Stain Block Elite** should be applied until it no longer absorbs into the surface. The surface will appear 'wet-damp' for 8-10 seconds. If you over-apply the sealer and create puddles, it will be necessary to stop spraying and disperse additional sealer on the surface with a blower. When dry, there should be no noticeable difference to the original surface appearance.

GST sprayers are made with chemically resistant tips and seals. After use, simply run approximately 1 quart of **Pro Grade Cleaner** diluted 5:1 with water through the sprayer.

This will ensure your sprayer will function properly for future use. Replacement tips are available.

Do not apply **Stain Block Elite** during inclement weather or in direct sunlight when temperatures exceed 80°F. Application to a damp surface or uncured concrete (28 day minimum) may cause a hazy appearance or loss of adhesion. Air and surface temperature should be between 50°F and 80°F for 24 hours following application.

WATER PENETRATION TEST:

Drop a small amount of water on the sealed surface. If water penetration occurs or if water does not bead up on the surface, the application of additional sealer is required.

MAINTENANCE

Minimal maintenance is required except for sweeping the surface of dirt and wiping up spills soon after they occur. Perform "Water Test" once a year. If test fails, reapply **Stain Block Elite**.

KEEP OUT OF THE REACH OF CHILDREN



WARNING



IF ON SKIN: Causes mild skin irritation. Wash with soap and water.

IF INHALED: Excessive inhalation of vapors may be harmful, move to fresh air.

IF INGESTED: Harmful if swallowed. Immediately call a Poison Center or doctor.

IF IN EYES: Causes eye irritation. Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes.

STORAGE AND DISPOSAL: Dispose of contents and container according to the local, city, state, and federal regulations. Store in a cool dry place at room temperature away from direct sunlight.

NOTE: Meets or exceeds Federal EPA standards for VOC compliance. Meets or exceeds South Coast Air Quality Management District and the Bay Area Air Quality Management District, for VOC compliance of less than 100g/l required by the State of California.

Refer to SDS at www.gstinternational.com for complete safety information.

This product is made from the finest raw materials available and manufactured to proven formulation under strict quality control for its intended use. However, results obtained with the use of this product under a variety of conditions may depend on circumstances beyond our control. GST International, Inc. and the seller therefore disclaim any responsibility for damage of any kind. The only warranty extended, expressed or implied, is for defective material.

PRODUCT WARRANTY: The statements made herein, on labels, product bulletins, or by any of GST International employees or agents concerning this product are given for general information only. Due to variables beyond GST International's control in application, surface preparation, surface temperature, humidity and other variable factors GST International assumes no liability for any claim that may arise out of the use of its products and disclaims any warranty expressed or implied relating to the storage, application, thinning, merchantability, Buyer's assumption of performance, and the fitness for a particular purpose. Receipt of products from GST International or its agents constitutes acceptance of the terms of this warranty. In the event that GST International finds that the product delivered is not of GST International's standard quality, GST International will at its sole discretion, either replace the product or refund the purchase price. GST International's choice of one of these remedies shall be the Buyer's sole remedy. GST International will under no circumstances be liable for consequential damages, except insofar as liability is mandated by law. GST International will deliver products at agreed times insofar as it is reasonably able to do so, but it will not be liable for failure to deliver on time when the failure is beyond its reasonable control.



Global Sealer Technologies



PREP & CLEAN



Our Family of Products:

Where Efflorescence, Rust or Cement Scale is Present.

Use **Clean Concrete** to remove efflorescence, rust and cement staining.

Where Cleaning is Needed or Efflorescence Remover Has Been Used.

Use **Pro-Grade Cleaner** to thoroughly clean, remove oil, grease, dirt and prepare the surface prior to applying any of the GST Sealers.

Use **ProGrade Cleaner** to neutralize pH where **Clean Concrete** was used.

Where a Heavy Duty Concrete and Masonry Degreaser is Required.

Degreaser Pro is a concentrated heavy duty concrete and masonry degreaser specifically designed to remove deep seated oil and grease stains, chewing gum residue and organic stains on all hardscape surfaces.

SEAL & PROTECT



Choose an Invisible or Appearance Enhancing Sealer

To be applied after the surface is clean and dry.

Choose an Appearance Enhancing Sealer:

- Low Sheen Wet Look Lacquer
- High Gloss Wet Look Lacquer
- Lock 'N Seal
- Satin Seal
- Final Coat

Invisible Sealer:

- Stain Block Elite

Product Characteristics:

Use with:

Product Guide

Product Guide	Performance Metrics																								
	High Gloss	Low Sheen	Satin	Invisible	Light Enhancement	Heavy Enhancement	Repels Water	Repels Grease and Oil	Resists Stains	Resists Efflorescence	Removes Spalling	Removes Oil, Grime	Removes Rust, Efflorescence	Indoor applications	Outdoor applications	Porous Surfaces	Dense Surfaces	Concrete	Exposed Aggregate	Pavers and Slabs	Concrete Block Walls	Brick Masonry	Natural Stone & Travertine	Manufactured Stone	Synthetic Tiles
High Gloss Wet Look	✓					✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓		✓	✓			
Low Sheen Wet Look		✓	✓			✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓		✓	✓			
Lock n Seal			✓		✓		✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓			
Satin Seal			✓		✓		✓	✓	✓	✓	✓				✓		✓	✓	✓	✓	✓	✓	✓		
Final Coat	✓				✓										✓		✓	✓				✓		✓	✓
Stain Block Elite				✓			✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓		
Pro-Grade Cleaner												✓			✓	✓	✓	✓	✓	✓	✓	✓	✓		
Clean Concrete													✓			✓	✓	✓	✓	✓	✓	✓	✓		
DeGreaser Pro												✓			✓	✓	✓	✓	✓	✓	✓	✓	✓		✓

All products are available in standard one gallon and five gallon sizes. 55 gallon drums and 275 gallon totes are also available upon request.

Product Information Chart