

Stain Block Elite

Invisible Penetrating Stain Blocking Masonry Sealer for DENSE SURFACES

Overview:

DESCRIPTION:

GST International's Stain Block Elite is a state of the art water and stain resistant penetrating sealer specifically designed for **dense** concrete, brick and masonry 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 substrate surface, forming an insoluble barrier that cannot wear away, 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 cultured and natural stone. It's easy to apply, fast drying, and can be applied even in cold or damp conditions. Commonly used in both commercial and residential applications, i.e.: eating, 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:

- Marble • Travertine
- Natural stone • Granite
- Limestone • Slate
- Vitrified brick • Tumbled stone tile
- Exposed aggregate concrete
- Engineered stone • Concrete roof tiles

FEATURES:

- VOC, solvent free and low odor
- Water based
- Interior and exterior use
- Excellent adhesion, long lasting
- Deep penetration
- Silicone free, recoatable
- Easy application and fast drying
- Non yellowing, UV resistant
- No change of surface appearance

Specification:

VOC: 0 g/l – (0 lbs./gal.)

FLASH POINT: None

WEIGHT PER GALLON: 8.4 lbs.

APPEARANCE: Milky

ODOR: Mild

PACKAGE VISCOSITY: 20 sec. Zahn Cup #2

SOLIDS by VOLUME: 2.5%

COVERAGE: 600 - 1000 sq.ft./gall

For exact coverage rates, a measured quantity to proper cleaning over a known area will provide a square foot coverage rate for a specific job.

DRY SCHEDULE:

Temperature	45° F.	60° F.	75° F.	90° F.
Dry to Touch	3 hrs	2 hrs	1 hrs	½ hr
Rainproof/Cured	24 hrs	24 hrs	24 hrs	24 hrs

PRODUCT CODE: 1A-510

SHIPPING DESCRIPTION:

Ground/Air/Vessel Not regulated

Required Label: None

Required Marking: None

UNIFORM FIRE CODE: Non combustible

STORAGE TEMPERATURE: 35° F. - 120° F.

Keep From Freezing!

SHELF LIFE: Unlimited

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

CLEAN UP: Flush with clean water

REMOVE: Not removable

PACKAGING: Available in quarts, gallons, 5 gallon pails and 55 gallon drums

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Application Guide:

IMPORTANT NOTE:

Before use on a job, thoroughly test this product in an inconspicuous area to assure performance and appearance. Use only in well ventilated areas.

SURFACE PREPARATION:

All surfaces to be treated must be clean and free from dirt, moss, mildew, laitance, efflorescence, and any other contaminate that may interfere with the penetration or reaction of **Stain Block Elite** to the applied surface. Remove all dirt, wax, oil, paint or sealers with appropriate cleaner, chemical stripper or abrasive blasting. If muriatic acid has been used the surface must be flushed with clean water and neutralized with a pH neutralizer. After cleaning, allow surface to dry 24 hours prior to sealer application. Allow new concrete to cure for at least 14 days before application of sealer. Protect greenery from over spray.

THINNING: Not required. Use as is.

APPLICATION:

Stain Block Elite can be applied with a sponge, brush, roller, or most types of spray equipment. On dense surfaces one coat is all that is required to seal, protect the surface. Additional coats will give more protection and higher gloss. If a second coat is desired, apply before the first coat is. For small areas, a pump-up garden sprayer is convenient. For large commercial installations an airless spray system is recommended. Do not apply **Stain Block Elite** during wet weather or when surface temperature exceeds 90°F. Application to a damp surface or incompletely cured concrete may cause a hazy appearance or loss of adhesion. Air and surface temperature should be between 50° and 90°F for 24 hours following application. Additional gloss and protection are available with added applications. After each coat perform "water penetration test" (see to right).

Brush synthetic bristle brush.

Roller "1/4" nap lambs wool roller.

Airless sprayer tip size 0.013" - 0.015"

IMPORTANT NOTE:

Over application and excess sealer should not be allowed to pool or puddle. Wipe up any pools that are

still standing after 5 minutes.

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 additional sealer is required.

MAINTENANCE

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

CLEAN UP: Water

SAFETY PRECAUTIONS:

CAUTION: LIQUID CONTACT WITH EYE AND SKIN MAY CAUSE IRRITATION. DO NOT INGEST. Contains NO solvents. Avoid contact with eyes and skin. Wash hands thoroughly after using and before eating and smoking. If spillage has occurred, absorb and dispose of according to local regulations

KEEP THIS PRODUCT OUT OF THE REACH OF CHILDREN.

FIRST AID: Should eye contact occur, flush with plenty of water for at least 10 minutes and get medical attention if vision is disturbed. For skin wash thoroughly with soap and water. If swallowed get medical attention immediately. DO NOT induce vomiting.

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