

Water Block

Invisible Penetrating Water Repellent Masonry Sealer

Overview

DESCRIPTION:

GST International Water Block is an invisible, water base penetrating sealer that provides water repellency and prevents water absorption to a wide variety of porous surfaces. Tests have proven **Water Block** to maintain water repellency for five years and up to 10 years depending on traffic and volume. The formation of efflorescence and spalling are also controlled. Effective both indoors and outdoors.

May be used as a pre-sealer or grout release on tile and masonry surfaces.

LIMITATIONS:

High traffic areas will require periodic reapplication for optimum water repellency.

USE ON:

- Standard concrete
- Split-face block
- Concrete building block
- Concrete pavers
- Brick
- Mexican style pavers
- Terra-cotta tile
- Unglazed tile
- Stucco
- Flagstone
- Artificial stone
- Slate
- Quarry tiles

FEATURES:

- Water base, non-flammable
- Indoor or outdoor protection
- Invisible natural look protection
- Repels water, dirt and waterborne stains
- Zero environmental impact
- Mildew resistant
- Resists freeze/thaw spalling
- Waterproofs tile & shower grout
- Controls efflorescence
- Long durability

Specifications:

VOC: 0 g/l

FLASH POINT: >240°F (115°C)

WEIGHT PER GALLON: 8.3 lbs

APPEARANCE: Milky but clear when dry

ODOR: Light

PACKAGE VISCOSITY: 19 sec. Zahn Cup #2

SOLIDS by VOLUME: 3.1%

COVERAGE:

Porous Surfaces: 100 – 200 sq.ft./gal
(flagstone, Mexican clay tile, paver brick, etc.)

Dense Surfaces: 400 – 700 sq.ft./gal
(slate, stone, limestone, etc.)

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

DRY SCHEDULE:

Dry Time: 30 mins to 3 hrs

Rainproof: 24 hrs

Cure Time: 4-7 days

PRODUCT CODE: 1A-506

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: Warranted 1 year

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

CLEAN UP: Water

REMOVE: Not removable

PACKAGING: Available in gallons and 5 gallon pails

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Application Guide:

IMPORTANT NOTE:

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

SURFACE PREPARATION:

Surface must be completely clean and dry to the touch. Remove all dirt, wax, old paints or sealers with appropriate cleaner, chemical stripper or abrasive blasting. For dirt and oily deposits use **GST Pro-Grade Cleaner**. If muriatic acid has been used the surface must be flushed with clean water and neutralized with a pH neutralizer. We do not recommend muriatic acid for cleaning concrete as it will discolor and etch the surface, and is hazardous to use. After cleaning, allow surface to dry 24 hours prior to sealer application. Allow new concrete to cure for at least 28 days before application.

APPLICATION:

Water Block can be applied with a sponge, brush, roller, or low pressure type spray equipment. For small areas, a pump-up garden sprayer is a convenient tool for application. Do not use power or high pressure sprayers. One heavy coat will seal and protect the applied surface. If a second coat is necessary due to extreme porosity, apply as soon as the first coat is dry to the touch. Back roll or back brush any pooling.

Brush synthetic bristle brush

Roller 3/8" nap lambs wool roller

Low pressure pump sprayer

Airless sprayer tip size 0.013"– 0.015"

Porous Surfaces: (pavers, brick, flagstone, Mexican clay tile, etc.) Apply one heavy, even coat. Preferably using a clean brush, sponge or pump-up sprayer. Immediately remove pools or puddles were over application has occurred. Allow 24 hours for product to dry and cure before using surface.

Dense Surfaces: (concrete, slate, limestone, stone, concrete tile, etc.) One light to moderate coat supplies complete protection. More than one coat for dense surfaces is not recommended.

Vertical surfaces: work within ten foot horizontal field by starting at the top and work down while keeping a wet edge at all times. Then move on to the next ten foot wide field. Avoid runs and heavy overlapping.

Application Caution: Do not allow product to come in contact with glass, aluminum or glossy painted surfaces like cars and bikes. Cover all plants, trees, grasses and shrubs to protect them from over spray. If over spray occurs, wash off with water immediately. Mask areas that may be affected by over spray. Do not apply Water Block during inclement weather or in direct sunlight when temperature exceeds 80°F. Application to a damp surface or incompletely cured concrete may cause inadequate protection. For proper curing, air and surface temperature should be between 50° 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.

CLEANUP: Soap and Water

MAINTENANCE:

Pressure wash, hose or mop, plus periodic cleaning with GST International "Pro-Grade Cleaner".

SAFETY PRECAUTIONS:

CAUTION: LIQUID CONTACT WITH EYE AND SKIN CAUSES IRRITATION. DO NOT INGEST. Contains Silicone Solution Mixture. This material contains an alkaline material and standard safety precautions should be used. If using spray equipment, a painter's mask should be worn. Do not take internally. Avoid contact with eyes and skin. Do not breathe mist. Close container after each use. 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 15 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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