

BRICKFORM

STEALTH-SEAL WB

Technical Information Sheet | Oct.11.22 | Pg 1/2

PRODUCT DESCRIPTION

Brickform Stealth-Seal WB is a water-based Silane/Siloxane sealer that effectively protects and preserves the natural appearance of any surface. It works by creating a hydrophobic barrier at the surface by combining Silane and Siloxane particles. The smaller Silane molecules react deep within the pores of the concrete to close the capillaries while the larger Siloxane molecules work to close the voids closer to the surface. This hybrid sealer will protect against freeze-thaw cycles, oil, water and salt intrusion to porous construction materials such as concrete, bricks, stone, masonry blocks, and mortar.

USES

- Colored and uncolored concrete
- Ideal for freeze & thaw climates
- Great on saltwater pool decks
- Use on concrete, stone and masonry surfaces

FEATURES

- <100 VOC
- Penetrating
- Does not change the appearance
- Protects against de-icing salts.
- Stain and oil resistant
- Allows vapor passage
- Reduces alkali/efflorescence attack
- Prevents mildew and fungi

COVERAGE RATES AND PACKAGING

- Available in 5 gal (18.92 L) containers
- Approx. 200 ft² (18.75 m²) per gal depending on porosity of the surface.

STORAGE & SHELF LIFE

- Store in a dry, safe place with containers tightly sealed. DO NOT allow product to freeze.
- Shelf life is approximately 36 months.

USE & APPLICATION

PRECAUTIONS:

Brickform strongly recommends jobsite samples or mock-ups with these products. Individuals who will be performing the work should test different sections of the concrete to determine suitability, coverage, coverage rates and final appearance.

- Stealth Seal WB should be applied when the air temperature is between 50°F (10°C) and 85°F (29.5°C). At temperatures below 50°F (10°C) the sealer may not cure properly resulting whitening, hazing or sealer failure. Over application can form a white powdery film. If white film forms, wash away with water and

a brush. Unlike most water repellents, Stealth Seal WB can be applied to uncured concrete once bleed water has evaporated. However, the penetration, performance, and durability of Stealth Seal WB is increased by every day that application can be delayed up to 28 days.

- This product is not recommended for pre-sealed or dense surfaces such as glazed tile, marble or granite, dense brick, dense slate, or terrazzo. Dense, power troweled concrete slabs MUST be properly profiled and cleaned for proper adhesion of this product. Properly prepared surfaces will readily absorb water. Water beading up or remaining on the surface indicates additional preparation and cleaning is required. Do not use this product where hydrostatic pressure is present.



PREPARATION:

- Surface preparation is the most important process when using any topically applied product available from Brickform. Brickform follows the surface preparation techniques recommended by the International Concrete Repair Institute outlined in its Guideline No. 310.2R Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays. This Guideline is available at icri.org and Brickform highly recommends obtaining a copy and thoroughly familiarizing yourself with the various processes for accurately preparing concrete slabs.
- Unless noted in earlier sections of this Technical Information Sheet (TIS), the slab must be fully cured for this product to perform properly. Generally speaking, newly poured slabs must be at least 28 days old. The curing conditions including temperature and humidity have a dramatic effect on how fast or slow the slab cures. Cooler conditions will slow the curing process and these factors must be considered when determining whether a slab has adequately cured for the installation of this product.
- Surface preparation requirements are different for every slab and the installer must determine what process is appropriate for the slab they are working on. The recommended surface profile for Brickform sealers is a CSP 1 or CSP 2 as defined by the Guideline 310.2R mentioned above. The application area must be profiled and then thoroughly cleaned. All grease, oil, stains, stain residues, rust, sealers, waxes and the like must be completely removed prior to application of the product. Mechanical removal of these may prove aesthetically displeasing. There are a number of stain and wax removers and enzymatic cleaners available either commercially or via the internet that work well in these situations.
- The use of Brickform E-Etch, a mild etching and cleaning solution, followed by Brickform's NeutraClean and clean water rinses may be appropriate for the slab. Please refer to the TIS for these Brickform products for proper use. See also the Brickform E-Etch video online at www.brickform.com.

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Technical Information Sheet | Oct.11.22 | Pg 2/2

- Acid etching with Muriatic (Hydrochloric) Acid solutions may be appropriate for slabs that require more aggressive etching and cleaning. Solutions as light as 1:20 (acid:water) to as heavy as 1:1 may be necessary depending on the slab finish. When acid washing, it is very important to protect surrounding areas from damage. Plant and animal life, certain finishes on houses, metals, and the like can all be negatively impacted if acid solutions are not used responsibly. Be sure and wear proper personal protective equipment when acid washing. Always pre-wet slabs that are to be acid washed and always neutralize the slab with Brickform's Neutra Clean following the acid wash. Do not allow acid solutions to dry on the slab as dried residues will prevent the sealer from bonding. See www.brickform.com for a video on How to Acid Wash Concrete.
- Other mechanical techniques such as grinding, scarifying, shotblasting or sandblasting may be necessary to prepare the slab. See www.brickform.com for other surface preparation techniques using mechanical methods. Old sealers and cure and seal products must be removed as well. Brickform's Strip-It is an alternative to mechanical methods for their removal. Please review the TIS for Strip-It prior to using this product.
- When using pressure washers to clean slabs, use equipment with a minimum of 3000 psi at 4 gallons per minute. Rotary floor scrubbers with black or red pads are effective for cleaning flat floors. When using rotary floor scrubbers on stamped slabs, nylon bristle brush attachments are necessary to reach imprinted areas effectively
- Once the slab has been profiled, all contaminants and potential bond breakers removed, and thoroughly cleaned, allow the slab to complete dry prior to application of the product.

APPLICATION:

Be sure to protect surrounding area from overspray. Use BRICKFORM Stealth Seal WB full strength, DO NOT THIN. Apply thoroughly to saturation with a sprayer, nap roller, or brush. Do not allow the material to puddle. If puddling occurs, back roll with a nap roller as needed. For vertical surfaces, apply from bottom up. If a second coat is necessary, apply wet on wet. It is recommended that foot traffic remain off the finished sealed surface until the sealer is dry to touch.

MAINTENANCE

The sealed surface should be inspected periodically for worn areas. Expect to re-seal approximately every 3 to 5 years, or as needed. If traces of efflorescence are present, this should first be eliminated with a gentle cleaner such as BRICKFORM E-Etch.

RECOMMENDED TOOLS & CLEAN UP

- Swissmex MX Pump Sprayer
- Brickform Precision Tip
- Nap roller & brush

CLEAN UP:

Clean tools and equipment with water

COMPLEMENTARY PRODUCTS

- E-Etch- Cleaning and etching agent, efflorescence removal
- Neutra Clean - Cleaning and neutralizing agent

SAFETY & PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Do not breathe vapors or mist. Use only with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

ORDER SPECIFICATIONS:

Product - Stealth-Seal WB

For more information go to:

solomoncolors.com or brickform.com

