



BRICKFORM® Stealth-Seal

Stain and oil repellent, non-film forming, water-based sealer

PRODUCT DESCRIPTION

BRICKFORM Stealth-Seal is non-film forming water and oil repellent that effectively protects and preserves the natural appearance of any surface it's applied on.

BRICKFORM Stealth-Seal works by creating an invisible barrier at the surface level through a chemical reaction between the sealer and the cement paste. Stealth Seal allows for moisture vapor transmission while providing protection from oil and water intrusion at the surface level.

BRICKFORM Stealth-Seal may be applied to a variety of natural materials, concrete and any cementitious surface.

Use Stealth-Seal Premium, for added protection and longer lasting performance.

VOC: <20 grams/liter

FEATURES

- Water and Oil repellent
- Excellent stain protection
- Interior and exterior use
- No odor
- Water Base
- Solvent Free
- Water clean up
- Reduces Dusting
- Minimizes Mildew growth
- Long lasting
- Retards efflorescence
- Long term durability

USES

- Concrete
- Stone
- Concrete Countertops
- Slate
- Saltillo Tile
- Artificial Stone
- Unglazed Tile
- Masonry Units
- Split face Block

PREPARATION

Surface Preparation Guidelines for all Brickform Sealers

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. 03732 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 CSP2 as defined by the Guideline 03732 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.

The use of Brickform E-Etch, a mild etching and cleaning solution, followed by Brickform's Neutra-Clean 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.

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.

The application area must be completely clean and free of grease, oils, dirt, rust, waxes, and organic stains. 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.

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.

NOTE: 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.

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 trowelled 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.

APPLICATION

BRICKFORM Stealth-Seal may be applied by brush, sponge, roller or low pressure spray equipment. Apply evenly throughout the surface to the saturation point. Allow to stand for a few minutes, then remove excess material from the surface. Puddling of the Stealth Seal should be avoided. Excess material left on the surface will create a whitish residue and may be visually unacceptable. The residue, if left, will not affect product performance and will naturally wear off over time.

Porous Surfaces: One or more applications may be necessary to fully protect surface. Apply first coat, wait until dry or fully absorbed then apply second coat. Always remove excess material to prevent residue creation.

Smooth Surfaces: Apply very light coats with a sponge, pad or rag. Always remove excess material immediately and do not allow puddles to dry. You may repeat this process until there is no more visible penetration. Follow up with a damp pad to completely remove any material left on the surface.

COVERAGE

150 to 800 sq ft per gallon depending on porosity of the surface and method of application.

CLEAN UP

Use BRICKFORM Neutra Clean.

WARNING

Before using or handling this product, completely read the BRICKFORM Stealth-Seal Technical Information Sheet and MSDS. KEEP OUT OF REACH OF CHILDREN.

Section 313 Supplier Information: This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372: NONE

SAFE HANDLING INSTRUCTIONS

DO NOT TAKE INTERNALLY. Use only with adequate ventilation and use a respirator when levels are above applicable limits. If using spray equipment, a painter's mask should be worn. Avoid contact with skin and eyes. Wear rubber gloves and aprons to protect skin and wear safety eye goggles. Do not cut, puncture or weld containers. 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.

Eyes: DO NOT RUB. Flush eyes with plenty of water for 15 minutes while holding eyelids open. If irritation persists, GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: DO NOT INDUCE VOMITING. Consult Physician immediately.

Inhalation: N/A

Skin: Wash with plenty of soap and water. If rash develops, get medical attention.

In case of fire: Extinguishing Media: Carbon dioxide, dry chemical, foam, and/or water fog. Fire fighter must wear a self-contained breathing apparatus or air mask. Containers exposed to fire should be kept cool with water spray.

In case of spills: Absorb with sand, earth, or other suitable absorbent. Wash area with soap and water and ventilate. Keep product out of sewers and watercourses, or extensive land areas. Dispose of in accordance with local, state, and federal regulations.

REACTIVITY DATA: Product is stable under normal conditions. Hazardous polymerization will not occur.

CONDITIONS TO AVOID: Freezing and exposure to water-reactive materials.

D.O.T. Proper Shipping Name: Paint Related Material

D.O.T. Hazard Class ID Number:

Non-hazardous. Not required. Class 55.

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.