



# BRICKFORM® Satin-Seal™

Satin-Finish "Natural-Look" Sealer - 100 VOC

**BRICKFORM Satin-Seal is a water-based, acrylic sealer that dries to a soft satin finish that repels water and stains.**

## FEATURES

- Non-Yellowing
- Dries To A Satin Finish
- Interior/Exterior Use
- Scuff Resistant
- 26% Solids Content

**DESCRIPTION AND BASIC USE** • BRICKFORM® Satin-Seal™ is a water-based, acrylic sealer that dries to a soft satin finish that repels water and stains. BRICKFORM Satin-Seal is designed to protect and enhance the natural beauty of various interior and exterior surfaces. This water-based acrylic sealer provides excellent penetration to reduce the effects of efflorescence. Satin-Seal dries quickly to a durable satin finish that waterseals. Satinseal is engineered specifically for the BRICKFORM Micro-Topping, Stampable Overlay, SM Professional Grade and poured in place concrete. BRICKFORM Satin-Seal will resist most stains, however, spills should be cleaned as soon as possible.

**STORAGE** • Store in a safe place. Keep containers tightly sealed. DO NOT allow product to freeze. Material that is frozen CANNOT be used when thawed. Shelf life is approximately 12 months.

**COVERAGE** • 250 to 300 square feet per gallon, depending on method of application and the porosity of surface.

**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](http://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](http://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](http://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](http://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** • Apply in temperatures between 55° and 80°F (12.8°C and 26.7°C). Always test a small area of surface to verify protection and appearance. Stir contents thoroughly. DO NOT DILUTE. Apply from 2-3 light, even coats (depending on the porosity of the surface) with a low pressure, airless sprayer (HVLP) or pump up type sprayer. Allow 24-48 hours between coats. Avoid using in direct sunlight, especially on hot, windy days. Do not apply on foggy or rainy days. DO NOT apply when temperatures are expected to fall below 55 degrees (F) during the installation and the following 72 hours after application. Use only in well ventilated areas. The sealer must dry at least 24 hours before allowing foot traffic and 72 hours for heavy traffic.

**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 as 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.

**SPECIAL NOTES** • NOT RECOMMENDED FOR DECORATIVE APPLICATIONS SUCH AS STAMPED, STAINED OR DYED CONCRETE. Use on properly prepared, non-decorative concrete as a low odor alternative to solvent based sealers. Always test a small area of surface to verify protection and appearance. If water beads up on the surface, additional cleaning and testing must be done. Do not use where hydrostatic pressure is possible. Not following these guidelines for surface preparation and application methods can lead to product failure.

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. N/A

**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.