



BRICKFORM® Stampable Overlay™

Concrete Overlay - White (SC-60)

BRICKFORM Stampable Overlay is formulated for resurfacing and texturing existing, interior or exterior flatwork. BRICKFORM Stampable Overlay is designed to be used by professionals that are skilled and trained in the installation of concrete overlays.

FEATURES

- Creates A New 1/4" to 1/2" Surface
- Use with Overlay Liquid Colorant
- Durable
- Use With Triple Seven Bond Coat

PRODUCT DESCRIPTION • BRICKFORM Stampable Overlay is a single component (add water only) blend of white cement and special materials that forms a thin, concrete coating. BRICKFORM Stampable Overlay is specially designed to work with the BRICKFORM Overlay Liquid Colorant. BRICKFORM Stampable Overlay is easy to install and forms a tough, durable topping that will withstand years of wear. When used on properly prepared surfaces, BRICKFORM Stampable Overlay will permanently bond to concrete surfaces.

USES • BRICKFORM Stampable Overlay is suitable for overlay applications that require a layer of 1/4 - 1/2 inch (.63-1.27 cm) in thickness. BRICKFORM Stampable Overlay should be used with BRICKFORM Triple Seven Bond Coat Primer to achieve optimum adhesion to the concrete surface. Use BRICKFORM Skins or Texture Mats, Overlay Liquid colorants, and BRICKFORM liquid release to create color and texture on existing horizontal concrete surfaces.

LIMITATIONS • BRICKFORM Stampable Overlay can only be used on concrete that has been properly profiled. Application in a thickness greater than 1/2" (1.27cm) is not recommended. Ambient temperatures, surface temperatures and wind conditions can dramatically affect set times. Apply only between 55-80 degrees Fahrenheit (12.8C – 26.7C).

BRICKFORM strongly recommends the use of a Moisture Vapor Evaporation Rate test in accordance with ASTM F1869. Results should not exceed 5 pounds per 1000 square feet per 24 hours based on the recommended test period. Relative humidity tests are strongly recommended as well when used in accordance with ASTM F2170. Results should not exceed 75%. Excessive moisture vapor evaporation rates can soften overlay materials and sealers, cause premature wear, discoloration and/or lead to a complete loss of bond from the concrete slab. Overlays and sealers should always be installed over pH neutral concrete substrates.

PACKAGING • BRICKFORM Stampable Overlay is packaged in 60# bags. BRICKFORM Triple Seven Bond Coat Primer is packaged in 5 gallon re-sealable buckets. One bag covers approximately 25 square feet at 1/4" thickness. Shelf life of properly stored materials is approximately one year.

PREPARATION • THE CONCRETE SURFACE MUST BE PROFILED. The recommended surface profile for BRICKFORM Stampable Overlay is a CSP-3, CSP-4, or CSP-5. Surface preparation guidelines are written by ICRI and outlined in Guideline No. 03732 Selecting and Specifying Concrete Surface Preparation for Sealer, Coatings, and Polymer Overlays. Guidelines available at icri.org. See surface preparation videos at www.brickform.com.

BRICKFORM Stampable Overlay should be placed only on clean, sound, fully cured concrete free from all sealers, dirt, oil, paint, moss, dust, and other contaminants. Repair all damaged and deteriorated concrete prior to Overlay placement. Cracks, holes, spalls, etc. should be filled, allow patching materials to fully cure prior to placement of BRICKFORM Stampable Overlay. Control joints must be honored. If control joints are filled, they must be re-opened after application. If epoxy is used in cracks, contain the epoxy to the crack and broadcast silica sand in the epoxy to ensure proper bonding of Stampable Overlay. Additional relief cuts in the area of repaired cracks can

be completed after the application of the Stampable Overlay. Any areas with contaminants such as hydraulic fluid, cutting oils or other materials prone to migration, they should be marked, degreased and shot-blasted until they turn white. Always pressure-wash or vacuum the surface to remove dust and debris left over from other surface preparation or repair procedures. Once the concrete surface has been prepared and cleaned, keep it clean throughout the duration of the project. Proper and complete substrate surface preparation is critical to the success of the project. Proper and complete substrate surface preparation is critical to the success of the project.

APPLICATION • Temperatures should range from no less than 55 degrees Fahrenheit (12.8 C) up to 80°F (26.7C). Substrate temperatures affects set times as well. Do not use in windy conditions. A test area is recommended to help determine set times. Once the surface has been prepared and profiled, a uniform surface is necessary for even application of the Stampable Overlay. This can be achieved by applying base coat(s) of BRICKFORM SM Professional Grade material with a trowel or squeegee. The base coat is used to fill minor surface imperfections. Apply base coat over a primed surface using the BRICKFORM Triple Seven Bond Coat primer either roller or spray applied. Applying the base coat over a Surface Saturated Dry concrete surface (wet concrete with NO standing water) is acceptable if primer is not available.

The BRICKFORM Stampable Overlay can be mixed in buckets or mortar mixers depending on the size of the project. One bag of Overlay requires 5 to 6 quarts of water. You may color the material with BRICKFORM Overlay Liquid colorants. Add the colorant to the water then add the dry powder. Do not overwater the mix. Note: Be sure to maintain consistency when measuring water quantities to assure color uniformity between batches.

Note: When using BRICKFORM Colorants (10 ounce bottles), shake the full bottle of color prior to adding it to the water. Once empty, fill the 10 ounce bottle half full of water and shake to release any pigment that may have settled to the bottom and then add to the mixing vessel with the rest of the water.

Apply at a uniform depth between 1/4 - 1/2" with a gauged rake over a primed surface. When using BRICKFORM Texturing Skins or Mats, the material should be placed at 1/4". If using any other stamping tool, measure the greatest depth of reveals on the tool and adjust the depth of material to accommodate stamping needs. Be sure to maintain a uniform depth throughout the project and take care to ensure edges are able to be imprinted properly.

Any "bird baths" should be filled during the surface preparation process to ensure even curing of the BRICKFORM Stampable Overlay. Uneven depths in product applications can lead to stamping complications or color variations.

Once the material has been raked, use a rubber squeegee to close the rake lines. A Fresno or hand trowel can also be used but take care not to overwork the material as blistering will occur.

Once the material has been smoothed, allow it to "set" until it is spongy and material does not stick to your finger when placed on the surface with moderate pressure.

Once ready, the material should be stamped using BRICKFORM Liquid Release. Spray the stamping tool and the surface just ahead of where you will be texturing. Do not trowel the surface once liquid release has been applied.

Once the BRICKFORM Stampable Overlay has been textured, allow it to cure for 24 hours. Additional coloring can be added using the BRICKFORM Antique-It, Blush Tone Acid Stains, ARTesian water-based stains or Pro-Dye. If using the ARTesian water based stains, agitating the material with a soft brush will allow the stain to penetrate past any liquid release residue. A light detergent scrub to remove liquid release residue is acceptable after proper curing as well. See BRICKFORM TIS for above product application guidelines.

SEALING • After the overlay has been allowed to cure for 24 hours, protect the surface with BRICKFORM Gem-Seal, Poly-Astic, Poly-Seal, Safety-Seal, or Satin-Seal. Please get a copy of the appropriate Technical Information and Material Safety Data Sheet before attempting to use these products. Once sealed, protect the surface from foot traffic for 24 hours and vehicular traffic for 5 days.

CURING • Once sealed, protect the area from foot traffic for 36 hours. Protect from vehicular traffic for a period of 5 days following sealer application.

MAINTENANCE • The sealed surface should be inspected periodically for areas of thin or traffic-worn sealer. Brickform recommends the application of Dura-Wax as a sacrificial coating on interior surfaces. Reapply as needed, according to the appropriate Technical Information Sheet. If traces of efflorescence are present, this should first be eliminated with a gentle cleaner such as BRICKFORM E-Etch™, according to the BRICKFORM E-Etch Technical Information Sheet.

WARRANTY • This product is not intended for public use and is intended for use by trained, professional contractors and installers. 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 affects 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 to be defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

PLAN SPECIFICATION

BRICKFORM® Stampable Overlay™ Suggested Short Form Specification:

All concrete flatwork in the plans and specifications to be coated with BRICKFORM Stampable Overlay shall be primed with BRICKFORM Triple Seven Bond Coat™, both manufactured by BRICKFORM 800-483-9628, Rancho Cucamonga, CA, 909-484-3399. BRICKFORM Stampable Overlay shall be applied, in accordance with the BRICKFORM Stampable Overlay Technical Information Sheet.

ORDER SPECIFICATIONS

Product
Stampable Overlay (White)

Shipping Weight	Container Size	Item No.
60.0 Lbs	60 lb bag	SC-60