



# BRICKFORM® Micro-Topping SG™

## Two-Component Concrete Topping

**BRICKFORM Micro-Topping SG is a two-component, self-priming system for resurfacing interior or exterior concrete flatwork. BRICKFORM Micro-Topping SG is designed to be used by professionals that are skilled and trained in the installation of concrete overlays.**

**PRODUCT DESCRIPTION** • BRICKFORM Micro-Topping SG is designed to be used alone or as a companion product over BRICKFORM Micro-Topping RG to create an ultra-smooth wear-resistant surface. Concrete counter-tops can be rejuvenated or an entirely new look can be created to match changing decor. It can be integrally colored and it stains beautifully.

**USES** • BRICKFORM Micro-Topping SG is suitable for installation of fully bonded, thin-sectioned layers of 1/16" each. Interior or exterior repairs or applications include hotels, casinos, restaurants, food service areas in malls and retail shops, or anywhere a very smooth surface is desired. BRICKFORM Micro-Topping SG can be applied in layers of up to 3 lifts or can be applied as a final layer over BRICKFORM Micro-Topping RG™. Please get a copy of the BRICKFORM Micro-Topping RG Technical Information Sheet. When the topping has cured, it may be colored with BRICKFORM Blush-Tone Acid Stain™ for a variegated, marble-like appearance or BRICKFORM Freestyle™ Solid Color Stain. Please follow the instructions in the *appropriate Technical Information Sheet*.

**LIMITATIONS** • BRICKFORM Micro-Topping SG can be slippery when wet and is NOT recommended around pool decks or areas where moisture may accumulate. The surface of the concrete must be scarified or shot-blasted. Any pronounced grooves or ridges produced by shot-blasting will telegraph through the micro topping. A skilled machine operator should perform shot-blasting. The substrate should only be "brush blasted" using a speed of 35-60 feet (10.66 - 18.28 m) per minute and a reduced shot size of S170-S230 depending on the machine. Application in more than three layers of 1/16" (.158 cm) for a total of 3/16" (.476 cm) is NOT recommended.

**CAUTIONS** • KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Avoid contact with eyes and skin. When working with or near this product, all personnel must wear OSHA-NIOSH approved respirators (refer to OSHA standards in 29 CFR 1910.134). Prolonged, unprotected exposure may result in non-reversible Silicosis or Lung Cancer. Avoid inhalation and use local exhaust to keep exposures below OSHA PEL's for silica and nuisance dusts. Avoid contact with skin and eyes. Wear rubber gloves and aprons to protect skin and wear safety eye goggles. Wash splatters from skin immediately. Close containers 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.

**COLORS** • BRICKFORM Micro-Topping SG is available in Gray and White.

**PACKAGING** • BRICKFORM Micro-Topping SG is available in kits that include two 36-pound bags of gray or white powder and one 5-gallon pail of BRICKFORM Liquid Polymer. One container of BRICKFORM® Micro-Topping Colorant integral Micro-Topping color will color one kit of Micro-Topping.

**STORAGE** • Store in a dry safe place. Keep containers tightly sealed. Shelf life is not less than 12 months if consistently stored at 23.9°C (75°F).

**COVERAGE** • One mixed kit of BRICKFORM Micro-Topping SG will cover approximately 350-450 square feet (32.51 - 41.80 m<sup>2</sup>).

### FEATURES

- Creates A New Surface
- Can Be Colored & Stained
- No Primer Required
- Available In White & Gray

**PREPARATION** • BRICKFORM strongly recommends representative jobsite test sections. Individuals who will be performing the work should use the specified materials, as well as the finishing and curing techniques that will be used on the project. THE CONCRETE SURFACE MUST BE SCARIFIED OR SHOT-BLASTED. The recommended surface profile for micro-toppings is a CSP1, CSP2, or CSP3. Surface preparation guidelines are written by ICRI and outlined in Guideline No. 03732 *Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays*. Caution should be used when shot-blasting and skilled machine operator is recommended. Shot-blasting should be performed, using a machine operating at high speed levels ranging from 35-60 feet per minute with a reduced shot size of S170-S230. Repair all damaged and deteriorated concrete. Shallow cracks, holes, gouges, spalls, seams and joint lines should be filled. Joints may be reopened after application. The application area must be cured at least 28 days. The surface must be completely free from all sealers, dirt, oil, paint, moss, dust, and other contaminants.

NOTE: If there are any areas with hydraulic fluid, cutting oils or other materials prone to migration, they should be marked, degreased and shot-blasted until they turn white. Sweep or wash the surface to remove all dust and debris left prior to the second or third installations.

**APPLICATION** • Temperatures should be in the range of 12.8°C and 26.7°C (55°F and 80°F) before mixing and placing the material. Do not use in extreme temperatures or windy conditions. BRICKFORM recommends using shoes with cleats for the installation to avoid leaving marks in the material. Place half of the BRICKFORM Liquid Polymer into another clean 5-gallon bucket. Pre-mix BRICKFORM Liquid Polymer, using a power drill equipped with a jiffy-type-mixing paddle. Once the polymer is thoroughly mixed, SLOWLY add one bag of BRICKFORM Micro-Topping SG into each of the buckets, blending approximately 3-5 minutes to eliminate lumps or dry spots. After all materials are thoroughly mixed, spread the first coat onto the prepared surface with a long-bladed asphalt squeegee or trowel at the rate of between 350-450 square feet per kit. Let the surface dry or cure until it can be walked on without marring. A second application or "body" coat may be applied at the same rate as the first coat using a roller, brush or sprayer. Be sure to scrape the entire application surface with a drywall floor scraper or sanding machine equipped with a 60-80 grit sanding disc to remove any high-trowel or squeegee marks prior to subsequent layers or applications. NOTE: (Squeegee lines should run in a uniform direction at 90° to the entrance, parallel to the front wall.) Sweep or wash the surface to remove all dust and debris prior to the second or third installations.

**INTEGRAL COLORING INSTRUCTIONS** • BRICKFORM Micro-Topping Colorant is a pre dispersed UV-resistant color, formulated to color BRICKFORM Micro-Topping. One container of BRICKFORM Micro-Topping Colorant will color one five-gallon container of BRICKFORM Liquid Polymer (two bags of gray or white BRICKFORM Micro-Topping SG). Color consistency is best when both bags of powder are mixed with the pre-colored 5-gallon container of polymer in a large mixer. Add the Liquid Polymer to the mixer. Thoroughly shake the Micro-Topping Colorant bottle. Add the entire contents of the Micro-Topping Colorant. Clean out residual pigment left in the bottle by dipping the container into the polymer, recapping, shaking and then adding to the Polymer mix. Repeat if necessary until all pigment is out of the bottle. Mix the Micro-

Topping Colorant and Liquid Polymer together at a medium speed until the color is uniform. Do not let stand. The Micro-Topping Colorant 4-8 hours between coats and 24 hours before allowing foot traffic. may separate from the Liquid Polymer and will require additional mixing prior to adding the powdered Micro-Topping. Slowly add the two bags of powder, mixing thoroughly until the mix is uniform and the color is consistent. Install as recommended. NOTE: Due to the color of the cement in each kit, the final color of the gray kit will be different than the final color of the white kit.

**CURING** • BRICKFORM Micro-Topping RG should cure for a period of 4-8 hours between coats and 24 hours before allowing foot traffic.

**SEALING** • After the concrete has been allowed to cure for 28 days, protect the surface with BRICKFORM Gem-Seal™ High Gloss, “Wet-Look” Sealer, Poly-Seal™-High-Sheen, “Wet-Look” Sealer, BRICKFORM Safety-Seal™-with Traction Grip™ Low-Sheen “Natural-Look” Sealer, BRICKFORM Satin-Seal™-Satin-Finish, “Natural-Look” Sealer, or Aqua-Seal™-Penetrating, Water-Based Sealer. Please get a copy of the appropriate Technical Information and Material Safety Data Sheet before attempting to use these products.

**MAINTENANCE** • The sealed surface should be inspected periodically for areas of thin or worn out sealer and reapplied as needed. If traces of efflorescence are present, this should first be eliminated with a gentle cleaner such as BRICKFORM Efflorescence Remover, according to the *BRICKFORM Antique Release/Efflorescence Remover Technical Information Sheet*.

**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 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 defective. The end user shall be responsible for determining product’s suitability and assumes all risks and liability.

**PLAN SPECIFICATION**

**BRICKFORM® Micro-Topping SG™** Suggested Short Form Specification: All concrete flatwork in the plans and specifications to be coated with a BRICKFORM Micro-Topping SG, manufactured by BRICKFORM, 800-483-9628, Rancho Cucamonga, CA 909-484-3399, shall be installed in accordance with the *BRICKFORM Micro-Topping SG -Technical Information Sheet*. After the Micro-Topping has been allowed to cure, all surfaces shall be sealed with BRICKFORM Gem-Seal™, BRICKFORM Poly-Seal™, BRICKFORM Safety-Seal™, BRICKFORM Satin-Seal™ or BRICKFORM Aqua-Seal™ in accordance with the corresponding Technical information Sheet. All sealers shall be manufactured by BRICKFORM, 800-483-9628, Rancho Cucamonga, CA 909-484-3399.

**ORDER SPECIFICATIONS**

**Product**

Micro-Topping SG (Gray) Kit		
<b>Shipping Weight</b>	<b>Container Size</b>	<b>Item No.</b>
37 Lbs (16.65 kg) Bag Size(x2)	37 Lbs (16.65 kg) Bag	MT-1500
42 Lbs (18.9 kg) Liquid Polymer	5-Gallon (19.92 L)	MT-3000

**Product**

Micro-Topping SG (White) Kit		
<b>Shipping Weight</b>	<b>Container Size</b>	<b>Item No.</b>
37 Lbs (16.65 kg) Bag Size(x2)	37 Lbs (16.65 kg) Bag	MT-2500
42 Lbs (18.9 kg) Liquid Polymer	5-Gallon (19.92 L)	MT-3000

**Product**

Micro-Topping Colorant  
**Shipping Weight\***  
 \* Weights will vary, depending on the color chosen. Please contact Customer Service for exact weights and sizes.

**Item No. Color**                      **Container Size\*\***Colors one 5-Gallon (18.92 L) of Liquid Polymer

- CM-0320 Golden Sandstone
- CM-1080 Adobe Buff
- CM-1090 Sun Buff
- CM-0550 Brick Red
- CM-0700 Terra Cotta
- CM-1010 Smokey Beige
- CM-0310 Cream Beige
- CM-0825 Slate Green
- CM-0615 Stone Gray
- CM-2280 French Gray
- CM-0100 Dark Gray
- CM-0720 Medium Blue