



BRICKFORM® Micro-Topping RG™

Two-Component Concrete Topping

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

FEATURES

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

PRODUCT DESCRIPTION • BRICKFORM Micro-Topping RG is a multipurpose concrete topping, designed to transform tired and distressed concrete into a beautiful new wear-resistant surface. Concrete flooring, slabs, stairs or countertops can be restored or transformed into a new look at a fraction of the cost of conventional options such as tile or designer carpet. When properly installed, BRICKFORM Micro-Topping RG permanently bonds to concrete surfaces and becomes a durable topping that is perfect for high-traffic areas.

USES • BRICKFORM Micro-Topping RG is suitable for installation of fully bonded, thin-sectioned layers of up to 1/16" (.158 cm) each. Interior or exterior repairs include: hotels, casinos, restaurants, food service areas in malls and retail shops, as well as residential applications. Because BRICKFORM Micro-Topping RG dries to a semi-rough texture, it is perfect for use around pool decks and other exterior applications where moisture may accumulate. BRICKFORM Micro-Topping RG can be applied in layers of up to 3 lifts. If a smoother look is desired, the final layer can be applied using BRICKFORM Micro-Topping SG™. Please get a copy of the *BRICKFORM Micro-Topping SG 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 • 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 MSHA-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 PELs 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 RG is available in Gray and White and Micro-Topping Colorant is available in 12 standard colors.

PACKAGING • BRICKFORM Micro-Topping RG is available in kits that include two 42-pound (18.9 kg) bags of gray or white powder and one 5-gallon (18.925 L) 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 24.4°C (75°F).

COVERAGE • One mixed kit of BRICKFORM Micro-Topping RG will cover approximately 150-250 square feet (13.93 -23.22 m²).

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 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, dirt or debris 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 (18.925 L) 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 RG 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 150-250 square feet (13.93 -23.22 m²) 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. 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 • One container of BRICKFORM Micro-Topping Colorant will color one five-gallon (18.925 L) container of BRICKFORM Liquid Polymer (two bags of gray or white BRICKFORM Micro-Topping RG). Color consistency is best when both bags of powder are mixed with the pre-colored 5-gallon (18.925 L) 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 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 • Thoroughly rinse the surface to remove all dust and debris. Allow the BRICKFORM Micro-Topping RG to dry for a period of 24 hours after the final rinse. Protect the surface with BRICKFORM Gem-Seal™ or Poly-Seal™-High-Gloss Sealer, BRICKFORM Safety-Seal™-Abrasion-Resistant Sealer, or BRICKFORM Satin-Seal™-Water-Based, Semi-Gloss 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 Antique Release/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 SPECIFICATIONS

BRICKFORM® Micro-Topping RG™ Suggested Short Form Specification: All concrete flatwork in the plans and specifications to be coated with a BRICKFORM Micro-Topping RG, manufactured by BRICKFORM, 800-483-9628, Rancho Cucamonga, CA 909-484-3399, shall be installed in accordance with the *BRICKFORM Micro-Topping RG -Technical Information Sheet*, After the Micro-Topping has been allowed to cure, all surfaces shall be sealed with BRICKFORM Gem-Seal™, 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 RG (Gray) Kit

Shipping Weight	Container Size	Item No.
42 Lbs (18.9 kg)-Bag Size (x2)	42 Lbs (18.9 kg)	MT-1000
42 Lbs (18.9 kg)-Liquid Polymer	5-Gallon (18.925 L)	MT-3000

Product

Micro-Topping RG (White) Kit

Shipping Weight	Container Size	Item No.
42 Lbs (18.9 kg)-Bag Size (x2)	42 Lbs (18.9 kg)	MT-2000
42 Lbs (18.9 kg)-Liquid Polymer	5-Gallon (18.925 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 (18.925 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