



# 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

- Durable
- Economical
- Multipurpose
- Easy To Apply

**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" 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. Please follow the instructions in the *BRICKFORM Blush-Tone Acid Stain 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 per minute and a reduced shot size of S170-S230 depending on the machine. Application in more than three layers (1/16" each) for a total of 3/16" 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 RG is available in Gray and White.

**PACKAGING** • BRICKFORM Micro-Topping RG is available in kits that include two 42-pound bags of gray or white powder and one 5-gallon pail of BRICKFORM Liquid Polymer™.

**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.

**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 (Reference ICRI 03732 surface preparation guidelines). 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 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 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.

**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 Gemseal™ or Polyseal™-High-Gloss Sealer, BRICKFORM Masterseal™-Abrasion-Resistant Sealer, or BRICKFORM Satinseal™-Water-Based.

**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 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.

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#### 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 Gemseal™ or Polyseal™-High-Gloss Sealer, BRICKFORM Masterseal™-Slip-Resistant Sealer, or BRICKFORM Satinseal™-Water-Based Semi-Gloss Sealer, in accordance with their corresponding Technical information Sheet. All sealers shall be manufactured by BRICKFORM, 800-483-9628, Rancho Cucamonga, CA 909-484-3399.

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#### ORDER SPECIFICATIONS

**Product**

Micro-Topping RG (Gray) Kit

**Shipping Weight**

42 Lbs.-Bag Size (x2)

42 Lbs.-Liquid Polymer Bucket

**Container Size**

42 Lbs.

42 Lbs.

**Item No.**

MT-1000

MT-3000

**Product**

Micro-Topping RG (White) Kit

**Shipping Weight**

42 Lbs.-Bag Size (x2)

42 Lbs.-Liquid Polymer Bucket

**Container Size**

42 Lbs.

42 Lbs.

**Item No.**

MT-2000

MT-3000



# 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.**

### FEATURES

- Smooth Finish
- Durable
- Economical
- Easy To Apply

**PRODUCT DESCRIPTION** • BRICKFORM Micro-Topping SG is available in gray or white and is sold in kits that consist of two 36-pound bags of premixed aggregates and one five-gallon container of BRICKFORM Liquid Polymer. The two components are mixed together to form a thin, concrete coating. 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 SG permanently bonds to concrete surfaces and becomes a durable topping that is perfect for high-traffic areas.

**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. Please follow the instructions in the *BRICKFORM Blush-Tone Acid Stain 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 per minute and a reduced shot size of S170-S230 depending on the machine. Application in more than three layers (1/16" each) for a total of 3/16" 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.

**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.

**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 (reference ICRI 03732 surface preparation guidelines). 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.

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

**SEALING** • Allow the BRICKFORM Micro-Topping SG to dry for a period of 48 hours after the final rinse. Protect the surface with BRICKFORM Gemseal™ or Polysea™-High-Gloss Sealer, BRICKFORM Masterseal™-Abrasion-Resistant Sealer, or BRICKFORM Satinseal™-Water-Based, Semi-Gloss Sealer.

**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 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.

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**PLAN SPECIFICATION**

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**ORDER SPECIFICATIONS**

**Product**

Micro-Topping SG (Gray) Kit

**Shipping Weight**

37 Lbs. Bag Size(x2)

42 Lbs. Liquid Polymer Bucket

**Container Size**

37 Lbs.

42 Lbs.

**Item No.**

MT-1500

MT-3000

**Product**

Micro-Topping SG (White) Kit

**Shipping Weight**

37 Lbs. Bag Size(x2)

42 Lbs. Liquid Polymer Bucket

**Container Size**

37 Lbs.

42 Lbs.

**Item No.**

MT-2500

MT-3000