

Brickform SM Professional Grade Plus

Product Description

Brickform SM Professional Grade Plus is a sprayable acrylic modified, cementitious overlay that is designed to be applied with a hopper gun. The product is mixed with water and can be integrally colored using the BRICKFORM Overlay Liquid Colorant (10 ounce bottles). The advanced polymer matrix allows the product to be sprayed or troweled to create unique concrete surfaces that, when sealed, are resistant to water intrusion which minimizes premature surface degradation.

Features

- Add-Water formula
- Can be integrally colored
- Spay, trowel, or squeegee
- Broom finish
- Water resistant

Coverage Rates & Packaging

Available in 60 lb bags.

- 150 to 300 ft² per bag for base coat, depending on porosity of concrete
- 150 to 200 ft² per bag for texture coat, troweled or sprayed

Use & Application

Surface Preparation: An ICRI CSP-1, -2, or -3 is recommended for SM Professional Pro. Clean the surface of contaminants such as dirt, oil, paint, or moss. Repair all damage and deterioration. If control joints are filled, they must be re-opened after application. Allow all filler or patching materials to cure before application. Broadcast silica sand over any epoxy fillers to ensure adhesion. Remove all dust and debris. Prime the prepared surface with Brickform Triple Seven Bond Coat for best adhesion.

Mixing: Mix SM Professional Grade Plus grout with 5.5 to 7.5 quarts of water depending on ambient conditions and desired texture. Use approximately 6.5 to 7.5 quarts of water for base coats and 5.5 to 6.5 quarts for texture coats. Add water to a clean mixing vessel. If desired, add 1 10 oz bottle of Brickform Overlay Liquid Colorant and mix thoroughly. Add water and shake bottle to

release any settled pigment. Slowly add grout and mix until uniformly blended and lump free. Let stand for 5 minutes and remix for 90 seconds before application. Mixed materials has an approximate pot life of 1 to 2 hours depending on ambient temperature. Extend pot life by keeping vessel covered or storing in cool environment.

Always use proper proportions of water and material. Variation can lead to different texture or color. Use Brickform Turtle Set to increase working time in warmer conditions.

Application: Apply SM Professional Grade Plus to properly prepared surface primed with Brickform Triple Seven Bond Coat. If Triple Seven Bond Coat has not been used, saturate the underlying concrete with water, but do not apply product if puddles or standing water are present. Apply the SM Professional Grade base coat with a trowel and let dry 2 hours or more depending on ambient conditions. Sand base coat with a 60-80 grit sanding disk or a mason rub brick/stone. Remove all sanding residue. At this point, apply fiber-reinforced pattern tape or vinyl stencils if desired. Texture coat can be applied with a trowel or hopper gun (texture type spray gun). Trowel application should be 1/8" thick or less. Do not add water as it will cause discoloration. Sprayed texture can be "knocked down" using a pool trowel if desired. Remove pattern tape or stencils once the material is hard enough to be walked on. High spots should be removed with a metal scraper or rub brick, taking care to not harm the desired texture. Vacuum or blow off debris. Allow to cure for 24 hours. After curing, the surface can be exposed to foot traffic, stained using Brickform Blush Tone Acid Stain, ARTesian water-based stain, or Pro-Dye *Plus* (interior only), or sealed.

Sealing: After curing for 24 hours, apply the specified Brickform sealer following that product's TIS. Protect from foot traffic for 24 hours and vehicle traffic 5 days.

Maintenance: Sealed surfaces require maintenance. The sealed surface should be inspected periodically for areas that are thin and worn due to high traffic. For interior applications Brickform, premium acrylic floor finish can be used as a sacrificial coating, refer to TIS on this product.

Complimentary Products

The following Solomon Colors products may be used with SM Professional Grade Plus

- *E-Etch*—Cleaning and etching agent
- *Neutra Clean*—Cleaning and neutralizing agent
- *Triple Seven Bond Coat*
- *Blush Tone Acid Stain*
- *E-Stain*
- *ARTesian Water-based Stain*
- *ProDyePlus*

Recommended Tools

- Mason Rub Brick/Rubbing Stone
- Squeegee
- Trowels
- Hopper Gun/Texture Sprayer
- Rotary Floor Sander

Safety and Precautions

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheet and Warranty. **DO NOT TAKE INTERNALLY.** All concrete finishers and all onsite personnel must wear an OSHA-NIOSH approved dust respirator while applying or working around this product. Avoid contact with skin and eyes. Wear rubber gloves to protect skin and safety eye goggles. 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.

Limitations

Use only on properly prepared, structurally sound concrete surfaces. Ambient and surface temperature should exceed 50F (4C). Product should not be applied at thickness exceeding 3/16" with multiple coats not exceeding 1/2". Do not apply if rain is expected within 24 hours of installation. SM Professional Grade Plus performs best in regions with lower amounts of freeze/thaw cycles. For areas that experience multiple, frequent freeze/thaw cycles, Brickform manufactures SM Professional Grade used with Liquid Polymer.

Storage

Store in a safe, dry place. Cover with plastic to protect against moisture. Self life approx. 12 months.

Plan Specifications

Brickform SM Professional Grade Plus Suggested Short Form Specification: All concrete flatwork designated in the plans and specifications as coated with SM Professional Grade Plus shall be primed with Brickform Triple Seven Bond Coat, both manufactured by Brickform 800-483-9628 Rialto, CA 909-484-3399. Brickform SM Professional Grade Plus shall be applied in accordance with the Brickform SM Professional Grade Plus Technical Information Sheet.

Order Specifications

Product:

SM Professional Grade Plus

Shipping Weight	Container Size	Item No.
60 lbs. (27 kg)	60 lbs. (27 kg)	MT-4001

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 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.