



BRICKFORM® Cem-Coat™

Colored Cementitious Coating

BRICKFORM Cem-Coat is a high-quality coating, made especially for use over existing, unsealed, interior or exterior, concrete surfaces. It can be used to paint a solid color or antique a textured surface. BRICKFORM Cem-Coat is also well suited to vertical applications such as brick, masonry, and stucco. BRICKFORM Cem-Coat is available in 40 standard colors and custom color matching is available.

FEATURES

- Reduces Effects Of Fungus
- Simple Two-Part Mixture
- UV-Resistant

PRODUCT DESCRIPTION • BRICKFORM Cem-Coat is opaque, high-strength, and perfect for any unsealed, concrete-type surfaces. BRICKFORM Cem-Coat reduces the effects of fungus and is designed to be extremely UV-resistant. Packaged as a two-part mixture, each kit contains equal portions of powder and a colored liquid that must be thoroughly mixed together, prior to application.

USES • BRICKFORM Cem-Coat can be used on any unsealed concrete surface. It is ideal for any application where a brightly-colored concrete surface is needed, and when decorative accents, such as decorative sandblast stenciling, corporate colors, or company logos are specified.

LIMITATIONS • Cem-Coat should be used within 3-4 hours depending on ambient conditions. Warmer conditions will shorten the pot life of Cem-Coat. Once the two components are mixed, BRICKFORM Cem-Coat should be used within four to six hours. BRICKFORM Cem-Coat is not intended as a final topping and must be kept clean and free of stains until it can be sealed. To extend the life of any colored coating, a long-lasting lacquer-based sealer such as BRICKFORM Gem-Seal™ or BRICKFORM Safety-Seal™ is recommended. BRICKFORM Cem-Coat is cannot be use over sealed surfaces. Do not seal with Poly-Astic.

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.

Cem-Coat is a made to order product. Brickform recommends determining coverage rates for projects during the mock up process and ordering additional product from the same batch to ensure color uniformity across the slab. Material from different batches should be mixed together to ensure uniform coloration.

COLORS • BRICKFORM Cem-Coat is available in all 40 standard colors. Custom color matching is also available in the Standard Color Selection Chart.

PACKAGING • BRICKFORM Cem-Coat is packaged as a two-part mixture and is available in one-gallon (3.785 L) and four-gallon (15.14 L) kit sizes.

COVERAGE • 75-125 ft² per small kit, 350-450 ft² per large kit. Coverage rates vary dramatically depending on the porosity and texture of the slab and ambient conditions. A mock up is strongly recommended to determine coverage rates for each project.

STORAGE • Shelf life for pigmented Cem-Coat is 3 months from date of manufacture. Un-pigmented Cem-Coat shelf life is approximately 6 months. Store in a safe place. Keep containers tightly sealed. DO NOT allow product to freeze. Material that is frozen CANNOT be used when thawed.

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 the powdered portion of 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 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 container 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.

WARNING • BRICKFORM Cem-Coat is not a final coating and care should be taken to keep the area clean until a sealer can be applied. NOT recommended on dense surfaces such as marble, granite, porcelain, terrazzo or tightly troweled, smooth, dense concrete.

PREPARATION • New concrete should be cured at least 28 days, prior to application. The application area must be completely clean and dry to the touch. Pressure washing and power scrubbing may be necessary. The recommended surface profile for Cem-Coat is CSP1 or CSP2. 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. Surface preparation videos are available at www.brickform.com. Remove all efflorescence, oil, dirt, wax, old paints, sealers, and curing compounds. RINSE THOROUGHLY. Allow the surface to dry at least 24 hours. Soaps and detergents should never be used for cleaning. Dried residue on the surface will prevent the BRICKFORM Cem-Coat from bonding. Acid washing is acceptable provided ICRI guidelines are followed. See acid etching video at www.brickform.com. If acid is used, the surface must then be flushed with clean water and neutralized with a pH neutralizer such as ammonia, baking soda, or T.S.P. Repeat rinsing and neutralizing. Acid residue will prevent BRICKFORM Cem-Coat from bonding. Allow the surface to dry for at least 24 hours prior to application. Brickform E-Etch is an environmentally safe alternative for profiling unsealed broom finished or stamped slabs in anticipation of a Cem-Coat application. Refer to the TIS and video at www.brickform.com for instructions on the use of this product. NOT RECOMMENDED for pre-sealed or dense surfaces, such as glazed tile, marble or granite, dense brick, dense slate, or terrazzo. If in doubt, test the surface by sprinkling with water. If water beads up on the surface, additional cleaning and testing must be done. Do not use where hydrostatic pressure is possible. For best results, the application area should be damp, but with no standing water. Any standing water should be removed with a squeegee or mop prior to application.

APPLICATION • Always test a small area to ensure bonding ability and satisfaction of appearance, before total application. Application temperatures should be between 55°F and 80°F (12.8°C and 28.7°C). BRICKFORM Cem-Coat may be applied with a sponge, brush, or roller. [Do not apply BRICKFORM Cem-Coat during inclement weather or in direct sunlight when temperature exceeds 80°F (26.7°C).] BRICKFORM Cem-Coat comes in two parts: a pigmented liquid and a white powder. The two parts must be mixed thoroughly together in EQUAL portions of Part A and Part B. Always add the powder to the liquid for even dispersal. Mix with a variable speed drill with a squirrel cage type mixing blade. Mix until all solid particles have completely dissolved, about two or three minutes. Be sure to scrape the sides and bottom of the container, while mixing. The finished mix may be applied like paint to both vertical and horizontal surfaces and dries (to touch) in approximately 45 minutes. If a second coat is desired, apply after the first coat has set for at least 2 hours but within 24 hours. Use all mixed material within 3-4 hours. Warmer conditions will shorten the pot-life of Cem-Coat. If the mixed material starts to thicken, remix to a thinner consistency. BRUSH AND ROLLER: BRICKFORM Cem-Coat can be brushed on, or rolled on, using a roller with a 1/2-inch nap for smooth surfaces or a 3/4-inch nap for rough, textured surfaces. BRICKFORM Cem-Coat can be used in the process of antiquing if a light, colored-base coat is first applied, followed by a second "antiquing" coat of a darker color. The second coat must be thinned down prior to application. Working in small areas, the second coat should be applied, then immediately and strategically removed from areas of high relief, until desired, antiquing effect is achieved. Removal of excess BRICKFORM Cem-Coat is best accomplished with the use of both a wet and a dry sponge.

SEALING • After the Cem Coat has been allowed to fully dry and set (this is determined by ambient conditions i.e. an application in the sun on an 80 degree day will be ready for sealer in 2-4 hours whereas an interior application on a basement floor would probably need 24 hours), protect the surface with Brickform Gem-Seal, Poly-Seal, Safety-Seal, Satin-Seal, DecoPoxy, UreMax or Poly-Astic. 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.

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 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.

PLAN SPECIFICATION

BRICKFORM® Cem-Coat™ Suggested Short Form Specification: All concrete flatwork designated in the plans and specifications as being colored with a cementitious paint shall be painted with BRICKFORM Cem-Coat, in accordance with the BRICKFORM Cem-Coat Technical Information Sheet, using _____ color and a minimum of _____ gallons (_____ Liters) Per 100 square feet (9.29 m²). (Optional for antiquing) All painted surfaces designated as being antiqued, shall then receive a second "wash" coat of BRICKFORM Cem-Coat in accordance with the BRICKFORM Cem-Coat-Technical Information Sheet, using _____ color at _____ gallons (_____ Liters) per 100 square feet (9.29 m²). All colored and antiqued surfaces shall be sealed with BRICKFORM Gem-Seal, Poly-Seal, Safety-Seal, Satin-Seal, DecoPoxy, UreMax or Poly-Astic in accordance with the corresponding Technical information Sheet. All products shall be manufactured by BRICKFORM, 800-483-9628, Rialto, CA 909-484-3399.

ORDER SPECIFICATIONS

Product
Cem-Coat

Shipping Weight: Kit Size:
13 Lbs (5.85 kg) 1-Gallon (3.785 L)
42 Lbs (18.9 kg) 4-Gallons (15.14 L)

Item Number - Color	Item Number - Color
CC-100 Dark Gray	CC-700 Terra Cotta
CC-115 Venetian Pink	CC-735 Cappuccino
CC-200 Medium Gray	CC-810 Walnut
CC-250 Oyster White	CC-820 Muted Green
CC-300 Nutmeg	CC-825 Slate Green
CC-310 Cream Beige	CC-900 Black
CC-320 Golden Sandstone	CC-1000 White
CC-325 Sandstone	CC-1010 Smokey Beige
CC-330 Coconut	CC-1015 Blush Beige
CC-350 Desert Tan	CC-1020 Antique Rose
CC-375 Buff Tan	CC-1030 Ash White
CC-425 Autumn Brown	CC-1035 Summer Beige
CC-500 Tile Red	CC-1040 Weathered Sage
CC-515 Sunbaked Clay	CC-1045 Shadow Slate
CC-525 Dusty Rose	CC-1050 Antique Cork
CC-550 Brick Red	CC-1055 Pecos Sand
CC-575 Victorian Red	CC-1065 Quarry Red
CC-600 Light Gray	CC-1070 Sandy Buff
CC-615 Stone Gray	CC-1075 Rose Taupe
CC-625 Dover Blue	CC-1080 Adobe Buff
CC-650 Smokey Blue	CC-1090 Sun Buff