

# Bestcoat™

TEXTURED MASONRY COATING

- **Resists wind driven rain** — Ideal for above grade waterproofing
- **Excellent hiding power** — Easily covers substrate imperfections
- **Outstanding color retention**
- **High DPR** — Walls stay clean, minimizes maintenance needs
- **Contains Duracide®** a non-toxic antimicrobial that provides long-lasting resistance to mold, mildew and algae growth
- **Exceptional adhesion** — Provides longterm durability
- **Repairs or color changes easily made**
- **Very low VOCs** — Ideal for interior applications, minimal odor
- **Breathable coating** — Allows water vapor to escape preventing peeling and blistering of film



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CSI 09 97 23 Coatings for Concrete and Masonry

**Bestcoat Textured Masonry Coating** is a high-build, weather-resistant, water-based acrylic coating used to decorate and protect above-grade concrete, masonry and acrylic stucco finishes. Available in 20 standard colors and custom colors, Bestcoat Textured Masonry Coating utilizes DPR (Dirt Pickup Resistant) chemistry to keep surfaces cleaner and reduce maintenance needs. It is ideal for finishing vertical and overhead surfaces, and exterior or interior substrates including concrete, stucco, masonry, cement plaster, stucco and EIFS.

## INSTALLATION

**Approved Substrates:** Suitable for both interior and exterior surfaces including concrete, existing stucco and masonry, and acrylic stucco and elastomeric finishes.

**Surface Preparation:** Surface must be clean and sound. Concrete substrates should be free of all bond-inhibiting contaminants and be cured a minimum of 28 days. Blast surface with high-pressure water (use abrasive blasting on hard, dense surfaces) to a medium grit sandpaper texture. Repair holes and damaged concrete with appropriate masonry repair materials.

Remove protruding concrete accessories and smooth out any patches, irregularities or surface defects. If stains require chemical removal, rinse thoroughly with clean water to neutralize removal compounds.

Remove surface blisters or delaminated areas. Sand edges to flatten or plane rough areas and provide smooth transitions to old paint areas. Check adhesion of old paint using ASTM D 3359, measuring adhesion by Tape Method A.

**Cracks:** Locate and properly treat all cracks. Clean and detail static hairline cracks caused by drying shrinkage and fill using a brush coat of Bestcoat Textured Masonry Coating. Allow patching material or sealant to cure. Clean and detail static cracks greater than 1/32" (0.8 mm) in width and fill with appropriate patching compound. Treat cracks greater than 1/4" x 1/4" (6 x 6 mm) as standard sealant joints according to a reputable sealant manufacturer's instructions. Contact Formulated Solutions Technical Service for recommendations.

**Efflorescence:** Scrub the affected area with a stiff bristle brush followed by a water rinse. Allow to dry, but repeat as needed. If efflorescence persists, power washing may be necessary. Commercially available efflorescence cleaners or muriatic acid may also be used.

**Mixing:** Mix Bestcoat Textured Masonry Coating at slow speed with drill and mixing paddle to ensure uniform color and homogenous disbursement of ingredients; minimize air entrapment during mixing. For multi-pail applications, mix the contents of each new pail into the partially used pail to ensure color consistency and smooth transitions from pail to pail.

**Application:** Bestcoat Textured Masonry Coating is meant to be applied as a two-coat system, achieving a total dry-film thickness (DFT) of 8-11 mils. It is designed as a high-build acrylic coating and can be applied generously.

Apply by brush, spray, roller, or spray with back-roll technique. Maintain proper uniform wet-film thickness (WFT) during application to ensure the performance characteristics desired (see Coverage section). Always work to a natural break and maintain a wet edge during application. For uniformity of color and texture, application techniques must be consistent throughout the project. Inconsistent application techniques will produce texture or color variations.

Prepare a 4 x 4 ft. (1.2 x 1.2 m) test area to verify color, texture and adhesion acceptability before proceeding with any project.

**Roller:** Use a quality 1/2"-1 1/4" nap roller cover (lamb's wool preferred). Never roll product with an incompletely wet roller. Saturate the roller thoroughly and keep it

laden with the coating to build up the required mils. Roll with consistent vertical strokes to achieve uniform thickness of coating while maintaining a wet edge. Follow by back-rolling in one direction as stroke variations may result in unbalanced color and irregular texture.

**Brush:** Use a nylon brush only. Application by brush is only recommended for small inaccessible areas or touch-ups.

**Spray:** Use a heavy-duty sprayer designed for the application of coatings that contain sand particles. Specialized equipment is available for spraying Bestcoat Textured Masonry Coating. After spraying, back-rolling is strongly recommended to achieve a uniform texture and film thickness. Contact Technical Service for further recommendations.

**Curing:** At 70°F (21°C) and 50% relative humidity coating will be dry-to-touch in 1–2 hours. First layers may be recoated in 2-4 hours. Full cure occurs in 5 days. Higher humidity, lower air and surface temperatures will extend drying time.

#### Limitations

- Protect from freezing. If partially frozen, place containers in heated area and allow to warm gradually. Do not heat containers directly.
- Do not apply when the temperature (substrate or ambient) is 40°F (4°C) or below or is expected to fall below 40°F (4°C) within 24 hours after application.
- Do not apply if rain is expected within 24 hours of application.
- Do not apply to horizontal traffic-bearing surfaces.
- Do not use solvents or thinners to reduce the material.
- Do not apply over moving cracks, control joints or expansion joints.
- Do not use as crack bridging coating.
- Not designed for continuous immersion underwater.
- Do not apply to existing coatings that are incompatible. Perform appropriate adhesion tests.

**Packaging:** 5-gallon (18.9 L) plastic pails.

**Color:** Bestcoat Textured Masonry Coating™ is available in 20 standard colors. Custom colors are available upon request.

**Texture:** Smooth, Fine and Coarse.

**Coverage:** Coverage will vary depending upon substrate texture and porosity. Rough textured and absorptive substrates may require additional coats to achieve proper film build. Applicators should obtain a consistent film build free of voids and pinholes. Formulated Solutions recommends preparing a test area to determine actual coverage. Apply Bestcoat Textured Masonry Coating liberally in a consistent and un-extended manner.

**Smooth Texture:** To ensure above grade waterproofing, always apply two coats of Bestcoat Textured Masonry Coating Smooth.

To achieve a coverage rate of 150-200 square feet per gallon (3.06-4.08 m<sup>2</sup>/L) apply with a Wet Film Thickness (WFT) of 8-11 mils and achieve a Dry Film Thickness (DFT) of 4-5.5 mils per coat.

To achieve a coverage rate nearer to 150 square feet per gallon (3.06 m<sup>2</sup>/L) apply with a Wet Film Thickness (WFT) of approximately 12 mils and achieve a Dry Film Thickness (DFT) of 5-6 mils per coat.

**Fine Texture:** To ensure above grade waterproofing, always apply two coats of Bestcoat Textured Masonry Coating Fine.

To achieve a coverage rate of 75-100 square feet per gallon (1.53-2.04 m<sup>2</sup>/L) apply with a Wet Film Thickness (WFT) of 16-20 mils and achieve a Dry Film Thickness (DFT) of 8-11 mils per coat.

To achieve a coverage rate nearer to 150 square feet per gallon (3.06 m<sup>2</sup>/L) apply with a Wet Film Thickness (WFT) of approximately 12 mils and achieve a Dry Film Thickness (DFT) of 5-6 mils per coat.

**Coarse Texture:** To ensure above grade waterproofing, always apply two coats of Bestcoat Textured Masonry Coating Coarse.

To achieve a coverage rate of 70 square feet per gallon (1.43 m<sup>2</sup>/L) apply with a Wet Film Thickness (WFT) of 23 mils per coat and achieve a Dry Film Thickness of 11-12 mils per coat.

To achieve a coverage rate of 90 square feet per gallon (1.84 m<sup>2</sup>/L) apply with a Wet Film Thickness (WFT) of 18 mils per coat and achieve a Dry Film Thickness of 9-10 mils per coat.

**Clean Up:** Clean all tools and equipment immediately with water. Cured material may be removed by mechanical scraping.

**Shelf Life:** Store in sealed containers, avoid freezing or direct sunlight. Under those conditions, the shelf life is one year from date of manufacture.

**Technical Assistance:** Contact Formulated Solutions: Monday through Friday (Hours 8:00 AM to 4:30 PM EST): Tel. (718) 267-6380 ext. 111; FAX (718) 204-6013.

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