



MICRO-TOPPING SYSTEMS

Decorative Composition Cementitious Floor Coating Systems

General Overview

PRODUCT DESCRIPTION

Micro-Topping is a thin-section, composition decorative coating system, which gives the appearance of concrete but is flexible, resilient and easy to clean. Micro-Topping produces an extremely durable, low cost, yet attractive appearance. Typical thickness is approximately 3/32 of an inch (2.4 mm) and is light in weight and at approximately 1.2 lbs. per square foot. It can be used in the widest ranges of climates and is offered in slip-resistant profiles. Micro-Topping basecoat material, Miracote Protective Coating, a two component mixed material available in two natural colors, white and light gray, and available in smooth, course or a blend of both can also be integrally pigmented in a wide range of additional colors. The Micro-Topping base coats can also be antiqued or chemical-stained producing coloration and texture options that provide depth, dimension and accent features unique to each application. Polyurethane topcoat in clear matte or stain protects and provides the Micro-Topping wear surface.

Micro-Topping will enhance retail stores, outlets, food and beverage service establishments, restrooms and floors in public areas, in hotels, theme parks, museums, schools and universities.

Micro-Topping is flexible and will accept a limited amount of wave deflection in the substrate. Micro-Topping can be installed over Miracote RM I and RM II underlayments over concrete when pre-smoothing or pitch is required; or over RM Type III, in conjunction with mechanically fastened metal lath to provide a suitable concrete-like surface over most wooden substrates. The ability to install Micro-Topping over a wood substrate is a distinct advantage over traditional self-leveling decorative overlays such as SLF-D, a white colored self-leveling overlay product.

Important characteristics of Micro-Topping are its extraordinary adhesion coupled with its ability to withstand prolonged pedestrian and vehicular traffic. In these respects the material is far superior to conventional cementitious coatings used to resurface old or worn concrete.

Micro-Topping provides a tough retardant coating, which substantially reduces or prevents water penetration, freeze thaw, scaling and concrete carbonation. On exterior applications protected with the optional Miracote HDWB, most Miracote Micro-Toppings are "breathable" coatings, which release normal entrapped vapor without loosening or blistering and thus are suitable for on-grade installation when installed with compatible sealer.

Each application of Micro-Topping is a unique expression of the installation contracting artist and is not a manufactured look, but rather a compilation of materials, color, skills and experience that combine to tailor an attractive architectural design accent to compliment any surrounding environment.

WHERE TO USE

- Designer Floor Surfacing
- Restoration
- Retail Stores
- Outlets
- Food and Beverage
- Restrooms
- Public Hotel Foyers
- Theme Parks
- Museums
- Professional Offices
- Schools
- Universities
- Concrete Restorations
- Sidewalk Restorations
- Counter Tops
- Available for special applications over wood

ADVANTAGES

- Unlimited colors, design and texture.
- Variegated hues, concrete-like look.
- Excellent adhesion and weathering resistance.
- Long wearing under traffic.
- Conventional floor cleaning methods at a lower life cycle cost.
- Topping can be buff shined.
- Retards water and salt penetration.
- Resists ultra-violet degradation from long-term exposure to sunlight.
- Slip resistance underfoot.
- Moderate cost.
- Totally unique designs.

REFERENCE PRODUCT TECHNICAL DATA

SHEETS:

Please review Miracote Multipurpose Protective Coating (MPC), Microtopping DP (Dry Polymer), Sealers and Topcoats that comprise the Micro-Topping System selected.

For Best Results:

Install a minimum 4' by 4' test area site mock up for approval of acceptable color, texture, finish, adhesion, and any other critical requirement acceptable to the owner prior to proceeding with the installation.

Verify current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) at www.miracote.com.

Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thicknesses and rate are obtained.



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LIMITATION

- May reflect working concrete cracks.
- Do not install in freezing weather.
- Shade variations may occur with natural cement color material.
- Not suitable for use in areas where acids are spilled unless specifically protected with a special acid resistant sealer.

PRODUCT AVAILABILITY

Crossfield Products Corp. maintains offices and/or factories at all addresses listed below. Factory Trained Contractors are established in all major trading areas in the United States, Canada and various European, Latin American and Far East nations.

MAINTENANCE

For maximum sheen and cleanability, floor should be routinely treated with conventional maintenance finish followed by ordinary buffing.

SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.

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