Miracote MPC (Multipurpose Protective Coating) is a polymerized, two component, cementitious protective coating that can be applied over a variety of surfaces including concrete, masonry, metal, wood and tile. It consists of a unique rubber-like polymer liquid that is mixed with a proprietary cement and aggregate blend. Miracote MPC is then typically applied in two or more coats by trowel, brush, roller, spray or notched squeegee and back roll.

WHERE TO USE
- Concrete restoration and protection projects
- Resurfacing flawed or discolored concrete
- Bridge parapets and abutments
- Concrete elements in marine environments
- Renovations to stadiums and arenas
- Driveways, sidewalks, balconies and breezeways
- Pool decks and patios
- Secondary containment and water tank linings

ADVANTAGES
- NSF-61 Certified for use in potable water.
- Moisture vapor permeable – reduces potential for corrosion.
- Protects against penetration of water, chlorides and CO2.
- Ideal for exterior/interior, pedestrian and vehicular traffic.
- Enhances appearance and curb appeal of concrete & masonry.
- Excellent adhesion to most substrate.
- Extensive choice of colors, textures and patterns.
- Zero VOC – meets LEED point criteria.
- Slip resistance built-in with most application methods.

COVERAGE RATES
Theoretical coverage per unit:
One coat Application ................. 500 sq. ft. @ 1/32” (31.25 mils)
Two Coat Application ................. 250 sq. ft. @ 1/16” (62.50 mils)
Three Coat Application ................. 166 sq. ft. @ 3/32” (93.75 mils)

Approximate Yield/Unit ............... 1.25 cu. ft. (regular powder only)

Actual consumption rates are dependent on many factors including, but not limited to, substrate texture and porosity, variations in applied thickness and normal allowance for waste.

PACKAGING and COLORS
MPC Liquid Catalyst Component (5-gallon pail)
MPC Regular Powder, Natural Gray or White* (55 lb bag)
*To match Standard Colors requires use of White Powder
MPC Regular Powder, Gray & White Blend (55 lb bag)
MPC Special Custom Blends Available (55 lb bag)
MPC Smooth** Powder, Natural Gray or White (40 lb bag)
**Used only in MPC Microtopping (Refer to Mir. 250 PTDS)

MIX RATIO
Regular: 5 Gal Liquid Catalyst : 2-bags of MPC Regular Powder.

SHELF LIFE AND STORAGE
Shelf life will be one year from the date of manufacture as long as containers remain unopened and when material is store in a protected environment that is free from moisture, excessive heat and freezing temperatures, and direct sunlight.
OVERVIEW OF INSTALLATION STEPS (Continued)

- Application - Miracote MPC can be applied using a roller, brush, broom, trowel, magic trowel, squeegee or spray equipment. Apply Miracote MPC only on properly prepared substrates, and be sure that all voids and bug holes are properly filled by working material into the substrate.

FOR BEST RESULT

- Always install a minimum 4‘ by 4‘ test area or job site mock up for owner approval of acceptable color, texture, finish adhesion and any other critical requirements prior to proceeding with the installation.
- Verify that the most current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) are being utilized for project submittals and application reference.
- Protect materials at all times from excessive heat and cold.
- Regularly check wet film thickness with mil gauge and monitor product consumption to ensure correct application thicknesses are obtained.
- The proper application of this product is the sole responsibility of the end user. Job site visits by Miracote representatives are only for the purpose of making recommendations. Supervision and quality control are the sole responsibility of the user.
- Measure surface and ambient temperatures to ensure that material is only applied when surface temperatures range between 40°F (4.5°C) and 90°F (32.2°C) during mixing, placement and time of application.
- As with concrete and other cementitious or masonry products, surface staining and improper marking may occur. Apply a clear film-forming or penetrating sealer to enhance stain resistance, cleanliness and minimize tire marking.
- Natural gray and pigmented cementitious coatings may exhibit color variegation due to fluctuating evaporation rates during cure. For better color consistency, apply a topcoat of MiraGard Colorbond or other Miracote pigmented topcoats.

LIMITATIONS

- May reflect moving cracks and control joints. Implement detail as per current published installation guidelines (IG’s).
- Staining, streaking and efflorescence may occur when fresh coating is exposed to excessive ponding or running water.
- Prevent any contact with aluminum which can cause an adverse reaction due to Miracote MPC’s cementitious content.

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.