Installation Guideline

Miracote MPC Trowel Finish
Nominal 3/32 Inch

Step #	Installation Steps	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	**Mechanically Prepare and Presaturate the Concrete Substrate** **Note:** Minimum **(CSP)** concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods. e. Saturate with potable water	**Miracote MPC (Multipurpose Protective Coating)** must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Technical Guide No.03732, *"Selecting and Specifying Concrete Surface Preparation".* Concrete substrate should be (SSD) Saturated Surface Dry with no standing water at the time of application.	N/A
NOTE:	**Climatic conditions that are associated with high rates of evaporation can decrease Miracote MPC working time.** **Add 1 unit of Miracote MPC Retarder to increase valuable working time when these conditions are present or anticipated.**			
2	**Apply 1st Miracote MPC Coat** **Note 1:** ColorPax-LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal. pail of Miracote MPC Liquid Catalyst. **Note 2:** Color-Pax-LIP pigmented MPC colors are based on use with White powder. The use of Gray powder will produce a different color.	a. Hand Trowel or b. Magic trowel	**Blend:** Miracote MPC Liquid Catalyst and Miracote MPC Powder **Mix Ratio:** 5 Gal. Miracote MPC Liquid Catalyst to (2) 55 LB Bags ***Mix Option 1 (Not Pigmented)*** Mix Gray or White Regular MPC ***Mix Option 2 (Pigmented)*** Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit	500 SF/Unit **Note:** Coverage can vary depending on surface profile & condition.
3	**Apply 2nd Miracote MPC Coat** **Note:** For best results, apply the second coat at cross-angles with the first.	a. Hand Trowel or b. Magic trowel	**Blend:** Miracote MPC Liquid Catalyst and Miracote MPC Powder **Mix Ratio:** 5 Gal. Miracote MPC Liquid Catalyst to (2) 55 LB Bags ***Mix Option 1 (Not Pigmented)*** Mix Gray or White Regular MPC ***Mix Option 2 (Pigmented)*** Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit	500 SF/Unit

For antiquing options with acid or water based stains/dyes, please review the IG's for Miracote Mirastain.

Choose any of the Miracote sealers or topcoats for best results depending on location, service, use and exposure. Refer to the Product Technical Data Sheets and Installation Guides for MiraGard Colorbond XL, MiraGard HDWB, MiraGard HD 400, MiraGard HD 100, MiraFlor WB, MiraThane WB, MiraFlor CQ Clear, MiraThane APU 100 or MiraFlor Glazetop.

Note: Prior to starting the application of any Miracote Product or System be sure to read the Installation Guide(s), Product Data Sheets, MSDS and other pertinent documents published by Crossfield Product Corp. for information, including but not limited to, Precautions, Limitations, Disclaimers and Warranties.

Pay special attention to substrate moisture content, physical condition of the substrate, method(s) of surface preparation, surface restoration, detailing of cracks, joints, transitions and terminations, and any applicable specifications. Review carefully for unknown site conditions or defects.

The theoretical coverage rates stated in the Installation Guides are for estimating purposes only. Factors, such as, allowance for material waste, unusual or abnormal substrate conditions and other unforeseen job site conditions that may affect actual product yields are the responsibility of the installer.

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