



Installation Guideline

Miracote MPC MT System Interior /Exterior with Reactive Stain Nominal 3/32 Inch

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<p style="text-align: center;">Mechanically Prepare and Presaturate the Concrete Substrate</p> <p>Note: Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.</p>	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods. e. Saturate with potable water	<p>Miracote MPC MT Systems must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Technical Guide No.03732, "<i>Selecting and Specifying Concrete Surface Preparation</i>". Concrete substrate should be (SSD) Saturated Surface Dry with no standing water at the time of application.</p>	N/A
NOTE:	<p>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.</p>			
2	<p style="text-align: center;">Apply 1st Miracote MPC MT Coat</p> <p>Note 1: ColorPax-LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal pail of Microtopping 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.</p>	a. Hand trowel or b. Magic trowel or c. Squeegee	<p>Blend: Miracote MPC Liquid Catalyst and Miracote MPC Powder-Regular Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (2) 55 LB Bags</p> <p>Note: Climatic conditions that are associated with high rates of evaporation can decrease Miracote MPC working time. Add 1 unit of Miracote Retarder to increase valuable working time when these conditions are present or anticipated.</p> <p style="text-align: center;">Mix Option 1 (Not Pigmented) Mix Gray or White MPC</p> <p style="text-align: center;">Mix Option 2 (Pigmented) Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit</p>	500 SF/Unit
3	SURFACE SANDING		Sand with 80 grit screen on a floor machine.	
4	<p style="text-align: center;">Apply 2nd Miracote MPC MT Coat</p>	a. Hand trowel or b. Magic trowel or c. Squeegee	<p>Blend: Miracote MPC Liquid Catalyst and Miracote MPC Powder-Smooth Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (1.5 to 2) 40LB Bags</p> <p style="text-align: center;">Mix Option 1 (Not Pigmented) Mix Gray or White Regular MPC</p> <p style="text-align: center;">Mix Option 2 (Smooth) Mix Gray or White Smooth MPC with (1) ColorPax-LIP Unit</p>	580 SF/Unit
5	<p style="text-align: center;">Apply 3rd Miracote MPC MT Coat</p>	a. Hand trowel or b. Magic trowel or c. Squeegee	<p>Blend: Miracote MPC Liquid Catalyst and Miracote MPC Powder-Smooth Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (1.5 to 2) 40LB Bags</p> <p style="text-align: center;">Mix Option 1 (Not Pigmented) Mix Gray or White Smooth MPC</p> <p style="text-align: center;">Mix Option 2 (Pigmented) Mix Gray or White Smooth MPC with (1) ColorPax-LIP Unit</p>	580+ SF/Unit
6	Sand Surface and Rinse Clean		<p>Before staining it is important to sand the entire Miracote MT surface with a 120-150 grit screen sanding disc to achieve desired smoothness. Sweep and vacuum floor to remove sanding debris, and perform a final tack cleaning of the Microtopping surface.</p>	
7	<p style="text-align: center;">Apply Accent Color with Miracote Mirastain</p> <p>Note: Staining and antiquing are the artistic expressions of the individual installer. Pre-job mock-up samples should be submitted first for review and approval by the owner.</p>	a. Hudson-type sprayer or b. Sponge or c. Soft cloth or d. Other methods, as desired	<p style="text-align: center;">Miracote Mirastain Single Component Chemical Stain Method</p> <p>Note: Depending on the desired color accent(s) of the Miracote MPC MT floor, one or more optional applications of the Miracote Mirastain may be required in the same or a different color.</p>	250 SF/Gal
				<p>Coverage rates will vary depending on surface texture and profile, and the desired finish color accents.</p>



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8	Neutralize Stained Concrete Surface	Prepare a mixture of 1/2 cup baking soda to 5 gallons potable water. Spread solution onto floor and scrub with broom or auto scrubber/floor machine with white buffing pad. Vacuum residue, and rinse floor with clean water. Repeat this process until PH tests verify a neutral condition before applying any top coat or sealer.		

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 HDWB, MiraGard HD 400, MiraGard HD 100, MiraFlor WB, MiraThane WB, MiraFlor CQ Clear 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.