



## Installation Guideline

**MPC Broom Finish  
Nominal 3/32 Inch**

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates														
1	<p style="text-align: center;"><b>Mechanically Prepare and Presaturate the Concrete Substrate</b></p> <p><b>Note:</b> Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions &amp; 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	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 <b>(SSD) Saturated Surface Dry</b> with no standing water at the time of application.	N/A														
2	<p style="text-align: center;"><b>Apply 1st MPC Coat</b></p> <p><b>Note 1:</b> ColorPax-LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal. pail of MPC Liquid Catalyst.  <b>Note 2:</b> 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 or d. Broom or e. Hopper Gun or f. Similar spray method (Low Pressure 8 -15 psi) <b>Note:</b> Recommended nozzle tip size of 8mm or 1/4"	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><b>Blend:</b></td> <td style="padding: 2px;">MPC Liquid Catalyst and MPC Powder</td> </tr> <tr> <td style="padding: 2px;"><b>Mix Ratio:</b></td> <td style="padding: 2px;">5 Gal. MPC Liquid Catalyst to (2) 55 LB Bags</td> </tr> <tr> <td colspan="2" style="padding: 2px;"><b>Note:</b> Climatic conditions that are associated with high rates of evaporation can decrease MPC working time. Add 1 unit of Miracote Retarder to increase valuable working time when these conditions are present or anticipated.</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;"><b>Mix Option 1 (Not Pigmented)</b></td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">Mix Gray or White Regular MPC</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;"><b>Mix Option 2 (Pigmented)</b></td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit</td> </tr> </table>	<b>Blend:</b>	MPC Liquid Catalyst and MPC Powder	<b>Mix Ratio:</b>	5 Gal. MPC Liquid Catalyst to (2) 55 LB Bags	<b>Note:</b> Climatic conditions that are associated with high rates of evaporation can decrease MPC working time. Add 1 unit of Miracote Retarder to increase valuable working time when these conditions are present or anticipated.		<b>Mix Option 1 (Not Pigmented)</b>		Mix Gray or White Regular MPC		<b>Mix Option 2 (Pigmented)</b>		Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit		500 SF/Unit  <b>Note:</b> Coverage can vary depending on surface profile & condition.
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3	<p style="text-align: center;"><b>Apply 2nd MPC Coat</b></p> <p style="text-align: center;">Texture with Broom</p> <p><b>Note:</b> For best results, apply the second coat at cross-angles with the first.</p>	b. Squeegee or c. Broom or d. Hopper Gun or e. Similar spray method (Low Pressure 8 -15 psi) Texture with Broom	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><b>Blend:</b></td> <td style="padding: 2px;">MPC Liquid Catalyst and MPC Powder</td> </tr> <tr> <td style="padding: 2px;"><b>Mix Ratio:</b></td> <td style="padding: 2px;">5 Gal. MPC Liquid Catalyst to (2) 55 LB Bags</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;"><b>Mix Option 1 (Not Pigmented)</b></td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">Mix Gray or White Regular MPC</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;"><b>Mix Option 2 (Pigmented)</b></td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit</td> </tr> </table>	<b>Blend:</b>	MPC Liquid Catalyst and MPC Powder	<b>Mix Ratio:</b>	5 Gal. MPC Liquid Catalyst to (2) 55 LB Bags	<b>Mix Option 1 (Not Pigmented)</b>		Mix Gray or White Regular MPC		<b>Mix Option 2 (Pigmented)</b>		Mix Gray or White Regular MPC with (1) ColorPax-LIP Unit		500 SF/Unit		
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4a 4b	<p style="text-align: center;"><b>Optional - Apply 1 or 2 Color Top Coats</b></p> <p><b>Note:</b> Recommended for more uniform color.</p>	a. Dip and Roll or b. Airless Spray	Colorbond Single Component	250 - 300 SF/Gal  <b>Note:</b> Coverage depends on surface texture and profile. Consumption may be greater on more irregular surfaces.														
5a 5b	<p style="text-align: center;"><b>Optional - Apply 1 or 2 Coats of Clear Sealer</b></p> <p><b>Note 1:</b> Two coats are always recommended for high traffic areas and/or stain resistance.  <b>Note 2:</b> When matte finish is desired, it is recommended to apply 1st coat with gloss.</p>	a. Hudson-type sprayer or b. Roller, Applicator Pad or <b>Warning:</b> Clear acrylic sealers must be applied in a thin film. Maintain stated coverage rates.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><b>Note:</b></td> <td style="padding: 2px;">HD II Clear, Gloss or Matte HD II may be thinned with Acetone by 25% max. or</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">Mirathane U/A, Gloss or Matte or</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">Miraseal</td> </tr> </table>	<b>Note:</b>	HD II Clear, Gloss or Matte HD II may be thinned with Acetone by 25% max. or	Mirathane U/A, Gloss or Matte or		Miraseal		400 SF/Gal 400 SF/Gal 600 SF/Gal								
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**Note:** Prior to starting the application of any Miracote Product or System be sure to read the Installation Guideline Manual. Appendices, 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.