



Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
<b>MiraFlex II - Steps 1 through 5 - Basic Foundation over Concrete Substrates</b>				
1	<p><b>Mechanically Prepare Substrate</b></p> <p><b>Note:</b> Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on existing substrate conditions &amp; overlayment requirements.</p>	<p>a. Garden hose and b. Hudson-type sprayer or c. Mist or fogging nozzles</p>	<p>MiraFlex II - must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Tech Guide No.03732, "Selecting and Specifying Concrete Surface Preparation".</p>	N/A
2	<p><b>Prime Concrete with MiraFlex Membrane A Primer</b></p>	<p>a. Dip and Roll</p>	<p>Blend MiraFlex Membrane -A and Potable Water Mix Ratio Membrane A:Water = 1:1</p>	<p>400 SF/Gal 4 mils WFT 1 mil DFT</p>
3	<p><b>Apply 1st Coat of MiraFlex Membrane A</b></p> <p><b>Note 1:</b> During application of Membrane A, the use of a mil gauge is necessary to verify correct WFT. <b>Note 2:</b> When the 1st Coat of Membrane A is dry to the touch, apply the 2nd coat within 24 hours.</p>	<p>a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll</p>	<p>MiraFlex Membrane -A Neat (Single Component)</p> <p>Important: Reinforce with Miracote Poly Fabric</p>	<p>64 SF/Gal 25 mils WFT 12.5 mils DFT (NEAT) w/Fabric Adjustment Required</p>
4	<p><b>Apply 2nd Coat of MiraFlex Membrane A</b></p> <p><b>Note 1:</b> Apply the second membrane coat @ right angles to the first membrane coat. <b>Note 2:</b> Exercise caution before proceeding to Step #4. Membrane A must be dry, clean and free of surface contaminants that may effect adhesion.</p>	<p>a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll</p>	<p>MiraFlex Membrane -A Neat (Single Component)</p>	<p>64 SF/Gal 25 mils WFT 12.5 mils DFT</p>
5	<p><b>Apply 1st Miracote 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>	<p>a. Hand Trowel or b. Magic trowel or c. Squeegee or d. Hopper Gun or e. Similar spray method (Low Pressure 8 -15 psi)</p> <p><b>Note:</b> Recommended nozzle tip size of 8mm or 1/4"</p>	<p><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 MPC Retarder to increase valuable working time when these conditions are present or anticipated.</p> <p><b>Mix Option 1 (Not Pigmented)</b> Mix Gray or White Regular MPC</p> <p><b>Mix Option 2 (Pigmented)</b> Mix Gray or White Regular MPC with (1) ColorPax LIP Unit</p>	<p>500 SF/Unit</p> <p><b>Note:</b> MPC coverage can vary depending on the desired texture of finish, and the profile or condition of the existing concrete substrate.</p>

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6	<b>Apply 2nd Miracote MPC Coat</b>  <b>Note:</b> Refer to the appropriate MPC Installation Guideline for the desired final finish or texture, i.e. Knockdown, Broom, Stipple, Stencil/Tape Pattern.	a. Hand Trowel or b. Magic trowel or c. Squeegee or e. Hopper Gun or f. Similar spray method (Low Pressure 8 -15 psi)	<b>Blend:</b> Miracote MPC Liquid Catalyst and Miracote MPC Powder <b>Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (2) 55# Bag</b>	500 SF/Unit  <b>Note:</b> MPC coverage can vary as noted above.
			<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	
<b>MiraFlex II - Step 7 - Install MiraGard Colorbond XL Pigmented Top Coats</b>				
7	<b>Apply 2 Top Coats of MiraGard Colorbond XL (Required for Specification Compliance)</b>	a. Dip and Roll or b. Airless Spray	MiraGard Colorbond XL Single Component	250 - 300 SF/Gal  <b>Note:</b> Colorbond XL coverage rate can vary depending on the desired texture of finish.
<b>MiraFlex II - Install Clear Sealer Coats</b>				
<b>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 or MiraThane WB.</b>				

**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.