

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
<b>Miraflex II - Steps 1 through 9 - Basic Foundation over Plywood Substrates</b>				
1	<b>Prime Metal Flashing with MiraFlex Membrane B</b>	a. Brush or b. Roll	MiraFlex Membrane B (Single Component)	400 Ln Ft per gallon
2	<b>Install Expanded Metal Lath</b>	a. Place lath by hand	1.75 # per Square Yard, galvanized steel In compliance with ASTM C-847 Use coated staples	(1) Sheet = 18 SF
2a	<b>Mechanically Fasten Lath with Staples</b> <b>Note:</b> Butt lath sheets together - do not overlap.	a. Electric or Pneumatic Staple Gun	No. 16 gauge steel, 1" wide crown and 1/2" leg length In compliance with ASTM F-1667	22 to 28 Staples/SF
3	<b>Prime Wood with MiraPrime Universal</b> (Miracote MPC Liquid Catalyst Diluted with Water)	a. Hudson-type sprayer	Blend Miracote MPC Liquid Catalyst and Potable Water Mix Ratio Miracote MPC Liquid Catalyst:Water = 1:1	400 SF/Gal
4	<b>Install MiraPatch LM</b>	a. Hand trowel or b. Screed	<b>Blend MiraPatch LM</b> Mix Ratio 1 Gal MiraPatch LM Liquid to 1 40# Bag MiraPatch LM	32 SF @ 3/16"
<b>Optional Step</b>	<b>Prime MiraPatch LM</b> >90°F required <b>Note:</b> Primer is not required when applied within 48 hours or if RM surface has not been contaminated.	a. Dip and Roll b. Notched Squeegee and Backroll	Blend MiraFlex Membrane A and Potable Water Mix Ratio MiraFlex Membrane A:Water = 1:1	400 SF/Gal 4 mils WFT 2 mil DFT
5	<b>Apply 1st Coat of MiraFlex Membrane A with Miracote Poly Fabric</b> <b>Note 1:</b> During application of MiraFlex Membrane A the use of a mil gauge is necessary to verify correct WFT. <b>Note 2:</b> When the 1st coat of Miraflex Membrane A is dry to the touch, apply the 2nd coat within 4-8 hours.	a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll	MiraFlex Membrane A with Miracote Poly Fabric (10" or 40" Wide Roll)	64 SF/Gal 25 mils WFT 12.5 mils DFT
6	<b>Apply 2nd Coat of MiraFlex Membrane A with Miracote Poly Fabric</b> <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 #8. MiraFlex Membrane A must be dry, clean and free of surface contaminants that may effect adhesion.	a. Dip & Roll b. Trowel	MiraFlex Membrane A Neat (Single Component)	50 SF/Gal 32 mils WFT 16 mils DFT

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
7	<b>Apply 1st Miracote MPC Coat</b>  <b>Note 1:</b> ColorPax LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal pail of Miracote MPC Liquid Catalyst. <b>Note 2:</b> Color-Pax LIP pigmented Miracote 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 or c. Squeegee 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"	<b>Blend:</b> Miracote MPC Liquid Catalyst and MPC Powder <b>Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (2) 55# Bags</b> <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.	500 SF/Unit  <b>Note:</b> MPC coverage can vary depending on the desired texture of finish, and the profile or condition of the existing concrete substrate.
			<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	
8	<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 MPC Powder <b>Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (2) 55 # Bags</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 11 - Apply MiraGard Colorbond XL Pigmented Top Coats</b>				
9	<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> MiraGard Colorbond XL coverage rate can vary depending on the desired texture of finish.
<b>Miraflex II - Step 10 - Apply Clear Sealer Coats - Optional when MiraGard Colorbond XL is Used</b>				
10	<b>For best results and enhanced chemical and stain resistance, several clear Miracote sealers and topcoats are available depending on location and service/exposure conditions. Refer to the Product Technical Data Sheets and Installation Guides for MiraGard HDWB, MiraGard HD 50, MiraFlor Glazetop 85, MiraThane MCU or MiraThane WB.</b>			

**Notes:** Prior to starting the application of any Miracote Product or System be sure to read the Installation Guides, Product Technical 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.