



Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Miraflex II - Steps 1 through 9 - Basic Foundation over Plywood Substrates - Required for Systems III and V				
1	Install Expanded Wire Lath	a. Place lath by hand	1.75 # per Square Yard, galvanized steel In compliance with ASTM C-847	(1) Sheet = 18 SF
2	Mechanically Fasten Lath with Staples Note: 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	Prime Wood with Universal Primer (MPC Liquid Catalyst Diluted with Water)	a. Hudson-type sprayer	Blend MPC Liquid Catalyst and Potable Water Mix Ratio MPC Liquid Catalyst:Water = 1:1	400 SF/Gal.
4	Install RM I or RM III Underlayment Note: The use of RM III is recommended where the specification may require higher flexural properties or where greater temperature fluctuations exist.	a. Hand trowel or b. Screed	Blend RM I Liquid and RM I Powder Mix Ratio 1 Gal. Liquid to (1) 75 LB Bag	Yield: .60 CF/Unit Covers: 28.8 SF @ 1/4"
			or	
			Blend RM III Liquid and RM III Powder Mix Ratio 1 Gal. Liquid to (1) 36 LB Bag	Yield: .35 CF/Unit Covers: 16.8 SF @ 1/4"
5	Prime RM I or RM III with Membrane "A" Primer Note: 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 Membrane "A" and Potable Water Mix Ratio Membrane A:Water = 1:1	400 SF/Gal. 4 mils WFT 1 mil DFT
6	Apply 1st Coat of Membrane "A" Note 1: During application of Membrane A, the use of a mil gauge is necessary to verify correct WFT. Note 2: When the 1st Coat of Membrane A is dry to the touch, apply the 2nd coat within 24 hours.	a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll	Membrane "A" Neat (Single Component)	64 SF/Gal. 25 mils WFT 12.5 mils DFT
7	Apply 2nd Coat of Membrane "A" Note 1: Apply the second membrane coat @ right angles to the first membrane coat. Note 2: Exercise caution before proceeding to Step #4. Membrane "A" must be dry, clean and free of surface contaminants that may effect adhesion.	a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll	Membrane "A" Neat (Single Component)	64 SF/Gal. 25 mils WFT 12.5 mils DFT



Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
8	Apply 1st MPC Coat Note 1: ColorPax-LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal. pail of 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 or c. Squeegee or e. Hopper Gun or f. Similar spray method (Low Pressure 8 -15 psi) Note: Recommended nozzle tip size of 8mm or 1/4"	Blend: MPC Liquid Catalyst and MPC Powder Mix Ratio: 5 Gal. MPC Liquid Catalyst to (2) 55 LB Bags Note: 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 Note: MPC coverage can vary depending on the desired texture of finish, and the profile or condition of the existing concrete substrate.
			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	
9	Apply 2nd MPC Coat Note: 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)	Blend: MPC Liquid Catalyst and MPC Powder Mix Ratio: 5 Gal. MPC Liquid Catalyst to (2) 55 LB Bags	500 SF/Unit Note: MPC coverage can vary as noted above.
			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	
Miraflex II - Steps 10a and 10b - Apply Colorbond Pigmented Top Coats - Required for System III Only				
10a 10b	Apply 2 Top Coats of Colorbond <i>(Required for Specification Compliance)</i>	a. Dip and Roll or b. Airless Spray	Colorbond Single Component	250 - 300 SF/Gal Note: Colorbond coverage rate can vary depending on the desired texture of finish.
Miraflex II - Steps 11a and 11b - Apply Clear Sealer Coats - Required for Systems III and V				
11a 11b	Apply 2 Coats of Clear Sealer <i>(Required for Specification Compliance)</i> Note: When a matte finish is desired, apply the 1st coat with gloss and 2nd coat with matte.	a. Hudson-type sprayer or b. Roller, Applicator Pad or Warning: Clear acrylic sealers must be applied in a thin film. Maintain stated coverage rates.	HD II Clear, Gloss or Matte Note: HD II may be thinned with Acetone by 25% max. or Mirathane U/A, Gloss or Matte	400 SF/Gal 400 SF/Gal
			or Miraseal	600 SF/Gal



Installation Guideline

Miraflex II - Systems III and V for Plywood Substrates Per ICC ESR-1714

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.