



Installation Guideline

MiraFlex III for Plywood Substrates

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Install MiraFlex Seam Tape Note: 1" overlap on leading edge of all metal and plywood seams. All MiraFlex Seam Tape must be completely covered by metal lath and lath mortar.	a. Peel off paper b. Roll and compress onto plywood surface	MiraFlex III Seam Tape 4" x 75' roll	75 linear feet
1a	Prime Metal Flashing Exposed	a. Brush or b. Roll	MiraFlex Liquid Membrane (Single Component)	400 LF/Gal
2	Install Galvanized, Expanded Metal Lath Note: Butt joints of metal lath must not occur over plywood butt joints.	a. Place lath by hand	1.8 # per Square Yard, galvanized, expanded metal lath In compliance with ASTM C-847 Use coated staples	(1) Sheet = 18 SF
3	Mechanically Fasten Lath with Staples Note: Butt lath sheets together - do not overlap.	a. 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 Uniformly distributed
4	Install MiraPatch LM (Lath Mortar)	a. Hand trowel or b. Screed	Blend MiraPatch LM Mix Ratio: 1.0 Gal MiraPatch LM Liquid to (1) 40# Bag MiraPatch LM Powder	29 SF @ 3/16"
5	Apply 1st Coat of Waterproofing Layer Note 1: During application of MiraFlex Liquid Membrane the use of a mil gauge is necessary to verify correct WFT.	a. Notched Squeegee/Trowel and Backroll or b. Dip and Roll	MiraFlex Liquid Membrane (Single Component) Note: Apply the 2nd coat within 24 hours.	64 SF/Gal 25 mils WFT
6	Apply 2nd Coat of Waterproofing Layer Note 1: Apply the MiraFlex Liquid Membrane coat @ right angles to the first coat.	a. Notched Squeegee/Trowel and Backroll or b. Dip and Roll	MiraFlex Liquid Membrane (Single Component) Note: Apply MPC within 24 hours of Membrane application	64 SF/Gal 25 mils WFT 12.5 mils DFT
7	Apply 1st coat MPC - Protection Coat Note 1: ColorPax LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal pail of Miracote MPC Liquid Catalyst. Note 2: 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 d. Hopper Gun	Blend: Miracote MPC Liquid Catalyst and MPC Powder Mix Ratio: 5 Gal of Liquid Catalyst to (2) 55# Bags Powder Note: Climatic conditions that are associated with high rates of evaporation can decrease MPC working time. Add 1-2 units of Miracote Retarder to extend valuable working time. 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	500 SF/Unit



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8	Apply 2nd coat MPC - Texture Coat	Same as Above	Same as Above Note: Refer to the appropriate MPC Installation Guideline for desired texture, Knockdown, Broom, Stipple, Stencil, etc.	Same as Above Note: MPC coverage can vary depending on the desired texture of finish.
9	Apply 1st Topcoat Note: Must be allowed to dry for approximately one hour before application of the second coat.	a. Dip and Roll or b. Airless Spray	MiraGard Colorbond XL Single Component	250 - 300 SF/Gal
10	Apply 2nd Topcoat Note: Must be allowed to dry for a minimum of eight hours before application of the clear sealer coat (if applicable).	a. Dip and Roll or b. Airless Spray	MiraGard Colorbond XL Single Component	250 - 300 SF/Gal

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.

