



Installation Guideline

Miracote MiraFlex XL - Pedestrian Waterproofing System over Plywood

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Plywood Substrate		<p>Miracote MiraFlex XL System must be applied to a clean, prepped, and sound plywood substrate.</p> <p><i>Plywood must be 3/4" minimum exterior grade ("A" side exposed) Tongue and Groove, staggered . If not T&G, plywood must have 1/8" space at seams. Glued and screwed with blocking at all edges.</i></p>	N/A
2	Prime Metal Flashing with MiraFlex Membrane B	a. Brush or b. Roll	<p>MiraFlex Membrane B (Single Component) Embedded with Poly Fabric at leading edges</p>	400 Ln Ft per gallon
Treatment of Plywood Joints				
3	<p>All Plywood Joints must have 1/8" gap</p> <p>3a - Seal with Polyurethane or Polyether Sealant</p> <p>Note 1: Seal joints with polyurethane or polyether sealant, as per manufacturer recommendations. Broadcast sand into wet sealant to refusal.</p>	a. Medium Nap Roller b. Brush c. Trowel	<p>Blend: Single Component</p> <p>Mix Ratio: Single Component</p>	
Waterproofing Application				
4	<p>Mix and Apply MiraFlex Membrane C First Coat</p> <p>30 mils WFT (Approx. 1/32")</p>	a. Trowel or b. Squeegee or c. Dip-N-Roll	<p>Blend: MiraFlex Membrane C Liquid and MiraFlex Membrane C Powder</p> <p>Mix Ratio: MiraFlex Membrane C Liquid - (1) 2 Gal.Pail MiraFlex Membrane C Powder - (1) 43 lb bag = 1 Unit</p> <p>Miracote Poly Fabric Reinforcement: Apply a 30 mil WFT Scrub Coat of mixed MiraFlex Membrane C onto the concrete surface, and immediately embed Miracote Poly Fabric</p>	<p>Yield: 160 sq. ft/Unit</p> <p>Application Thickness: 30 mils WFT (Approx. 1/32")</p>
5	<p>Mix and Apply MiraFlex Membrane C Second Coat Embedded into Poly Fabric Reinforcement</p> <p>30 mils WFT (Approx. 1/32")</p>	a. Trowel or b. Squeegee or c. Dip-N-Roll	<p>Blend: MiraFlex Membrane C Liquid and MiraFlex Membrane C Powder</p> <p>Mix Ratio: MiraFlex Membrane C Liquid - (1) 2 Gal.Pail MiraFlex Membrane C Powder - (1) 43 lb bag = 1 Unit</p>	<p>Yield: 124 sq. ft/Unit</p> <p>Application Thickness: 45 mils WFT (Approx. 1/16")</p>

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Application of Protection Coats				
6	Apply 1st Coat - Miracote MPC Regular	a. Hand Trowel or b. Magic trowel or c. Squeegee	Blend: Miracote MPC Liquid Catalyst and MPC Powder Mix Ratio: 5 Gal Miracote MPC Liquid Catalyst to (2) 55# 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. 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 30 mils +/-
7	Apply 2nd Coat - Miracote MPC Regular 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 d. Hopper Gun or e. Similar spray method (Low Pressure 8 -15 psi)	Same as Above	Same as above Note: MPC coverage can vary depending on the desired texture of finish, and the profile or condition of the existing concrete substrate.
8	Apply 2 Top Coats of MiraGard Colorbond XL (Required for Specification Compliance)	a. Dip and Roll or b. Airless Spray	MiraGard Colorbond XL Single Component	250 - 300 SF/Gal Note: MiraGard Colorbond XL coverage rate can vary depending on the desired texture of finish.
Apply Clear Sealer Coats - Optional when MiraGard Colorbond XL is Used				
9	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 Miracote MiraGard HDWB, MiraGard HD 50, MiraGard HD 400, MiraGard HD 100 or MiraThane WB.			

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.