



Installation Guideline

MiraThane 500 Urethane Waterproofing Membrane System Plywood Substrates

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Prime Plywood Substrate	a. Squeegee & backroll b. Dip and roll	MiraPrime ML Mix Ratio: A:B = 1 : 3 by volume	250 sq/ft per gal (6.4 mils WFT)
2	Dress all plywood joints Note: Place urethane caulk over all plywood joints and embed Poly Fabric mesh into caulk (remove all wrinkles and make sure Poly Fabric is completely attached to substrate).	a. Trowel or putty knife	Urethane caulk and 8" Miracote Poly Fabric	Urethane caulk as needed pending on number of joints 8" Miracote PolyFabric roll / 300 lf
3	Membrane Coat MiraThane 500	a. Squeegee & backroll	MiraThane 500 & potable water (Mix Ratio : 1:0.25)	128 sq/ft per mixed gallon (12.5 mils WFT)
4	Broadcast rubber aggregate Note: Must be broadcast into wet Material.	a. Hand broadcast b. Hopper gun	Rubber Aggregate	1 lb per sq/ft
5	Remove Excess Aggregate	Use shop vac or vac system to remove all loose and excess aggregate (excess can be reused provided it is clean & dry)	N/A	N/A
6	Lockcoat / Topcoat	a. Squeegee & backroll	MiraFlor Glazetop TB & ColorPax-U Mix Ratio: A:B = 2 : 1 by volume Add 1 ColorPax-U per 3 Gal. Unit of MiraFlor Glazetop TB	225 sq/ft per gal (7 mils WFT)

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.