



Installation Guideline

MiraPrime Aqua-Blok XL FRESH CONCRETE APPLICATIONS

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Surface Preparation Note: Freshly placed concrete requires general cleaning with potable water to remove dust, laitance and form release compounds.	a. Pressure washer (low pressure with fan tip)	MiraPrime Aqua-Blok XL must be applied to a clean substrate with an open-pore structure. Clean and prepare "green" concrete surfaces using low pressure water for a CSP-1 profile, as per ICRI's Technical Guideline No. 310.2R-2013, "Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings".	N/A Note: During hot weather conditions, pre-saturate the substrate with potable water to SSD condition to cool down the surface.
2	Apply MiraPrime Aqua-Blok XL 1st Application Note: Thoroughly saturate the substrate evenly to refusal when a light wet sheen appears on the concrete surface. Avoid over-application and puddling. Broom or squeegee puddled material to areas exhibiting rapid absorption.	a. Pump Sprayer (low pressure) (low pressure pump with fan tip) b. Roller c. Brush	MiraPrime Aqua-Blok XL Single component Note: Refer to the Product Technical Data Sheet (PTDS) for MiraPrime Aqua-Blok XL prior to application of this material.	150 - 200 SF/GAL *Actual rate of consumption is dependent on several factors including concrete mix design, w/c ratio, and degree of porosity. Note: Avoid over-application and puddling. Broom or squeegee puddled material to areas exhibiting more rapid absorption.
3	Apply MiraPrime Aqua-Blok XL 2nd Application Note: Proceed with the 2nd application after 20 - 40 minutes has expired. Apply in the same manner in a direction perpendicular to the 1st.	a. Pump Sprayer (low pressure) (low pressure pump with fan tip) b. Roller c. Brush	MiraPrime Aqua-Blok XL Single component	Same as in Step 3
4	Apply 1st Mist Coat of Potable Water	a. Pump Sprayer (low pressure)	Approximately 30-40 minutes following the 2nd application, lightly mist coat the surface with potable water only.	
5	Apply 2nd Mist Coat of Potable Water	a. Pump Sprayer (low pressure)	Approximately 30-40 minutes following the 1st mist coat, repeat with another mist coat.	

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.