Installation Guideline

MiraFlor CQ Colored Quartz Double Broadcast
1/8 Inch Standard System

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	**Mechanically Prepare Substrate** **Note:** Minimum **(CSP)** concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.	**MiraFlor CQ Clear Broadcast Flooring Systems** must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Technical Guideline No. 310.2R-2013 *"Selecting and Specifying Concrete Surface Preparation.."* Concrete surface must be dry at the time of application.	N/A
	If Moisture Vapor is above 3lbs per ASTM 1869 or 75% RH per ASTM F-2170 or 2420 Apply MiraPrime MVERS Plus	*a. Squeegee and Backroll*	***Blend MiraPrime MVERS Plus*** *Mix Ratio:* *2.9 or 5.5 Gallon kit - Mix full kit*	*4-10lbs or 76-85% RH - 145 sq. ft./GAL - 10mils* *11-15lbs or 86-90% RH - 125 sq. ft./GAL - 13mils* *16-24.9lbs or 91-99.9% RH - 75 sq. ft./GAL -21mils*
2	**Broadcast Coat** **MiraFlor CQ Clear**	a. Squeegee and Backroll	**Blend MiraFlor CQ Clear** Mix Ratio: A:B = 2:1 by Volume	160 square feet per mixed gallon 10 mils
3	**Broadcast Colored Quartz Aggregate to Excess**	a. Hand broadcast or b. Mechanically broadcast	**Miracote Colored Quartz Aggregate** 15 Standard Solid Colors 18 Pre-blended Decorative Colors One (1) Bag = 50 LBS	1 LB Per SF **Note:** Recovery of excess aggregate can typically range between 60-70%.
4	**Remove Excess Aggregate**	After epoxy broadcast system has sufficiently cured to be resistant to damage, carefully remove excess aggregate by broom and vacuum. Re-use of recovered aggregate is allowable provided it is clean and free of contaminants.		
5	**2nd Broadcast Coat**		**Repeat Installation Step 2 as directed above.**	65 SF/Gal
6	**Broadcast Miracote Colored Quartz Aggregate to Excess**		**Repeat Installation Step 3 as directed above.**	As noted above
7	**Remove Excess Aggregate**		**Repeat Installation Step 4 as directed above.**	
8	**Apply Lock Coat** **MiraFlor CQ Clear**	a. Squeegee and Backroll	**Blend MiraFlor CQ Clear** Mix Ratio: A:B = 2:1 by Volume	65 - 120 SF/Gal **Note:** MiraFlor CQ lock coat coverage rates above are dependent on the desired texture of the finished surface.

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.

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