



## Installation Guideline

## MiraFlor Flake Full Broadcast Heavy Duty System

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<b>Mechanically Prepare Concrete Substrate</b>  <b>Note:</b> Minimum (CSP) concrete surface profile of CSP-3 is required depending on substrate conditions & coating requirements.	a. Diamond Grinding or b. Shotblasting or c. Other similar and approved mechanical methods.	<b>MiraFlor Flake Broadcast</b> must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICR's Technical Guideline No. 310.2R-2013, <i>Selecting and Specifying Concrete Surface Preparation.</i> Concrete surface must be dry at the time of application.	N/A
	<i>If Moisture Vapor is above 3lbs per ASTM 1869 or 75% RH per ASTM F-2170 or 2420</i> <b>Apply MiraPrime MVERS Plus</b>	a. Squeegee and Backroll	<b>Blend MiraPrime MVERS Plus</b> 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	<b>Apply MiraFlor CQ Pigmented Epoxy (Receive coat)</b>	a. Squeegee and Backroll b. Dip and Roll	<b>Blend MiraFlor CQ Pigmented Epoxy</b> Mix Ratio A:B = 2:1 by Volume	160 square feet per mixed gallon 10 mils
3	<b>Broadcast Flake Blended, Colored Vinyl Chips</b>	a. Hand Broadcast or b. Mechanically Broadcast	<b>Colored Vinyl Chips</b> 12 Blended Colors (1/8" or 1/4" chips) One box - 55lbs	1/4 " chips: .12 lbs per square foot 1/8" chips: .15 lbs per square foot
4	<b>Detail Excess Vinyl Chips</b>	After CQ Pigmented Epoxy has sufficiently cured to be resistant to damage, scrape entire floor to remove excess vinyl chips. Broom and vacuum surface. Recovery of excess vinyl ships is very low due to fragmentation. Reuse is not a recommended practice.		
5	<b>Apply MiraFlor Glazetop</b>	a. Squeegee and Backroll	<b>MiraFlor Glazetop</b>	160 - 225 square feet per gallon
		b. Dip and Roll	Mix Ratio A:B = 1:1 by volume	7-10 mils WFT
6	<b>Apply MiraThane MCU</b>	a. Squeegee and Backroll b. Dip and Roll	<b>MiraThane MCU</b> Mix Ratio A:B = 1:3 by volume	350 - 450 square feet per gallon 3.6 - 4.6 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, or abnormal substrate conditions and other unforeseen job site conditions that may affect product yields are the responsibility of the installer.

