

## Installation Guideline

## MiraFlor Chip Binder Epoxy Full Broadcast System Heavy Duty

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1a	<b>Mechanically Prepare Concrete Substrate</b>  <b>Note:</b> Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.	a. Diamond Grinding or b. Shotblasting or c. Other similar and approved mechanical methods.	<b>MiraFlor Chip Binder</b> flake broadcast must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI'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
1b	<b>Apply MiraPrime MVERS Plus</b> <i>(if the following applies)</i>  <b>Moisture Vapor Emission is above 3lbs per ASTM 1869 or 75% RH per ASTM F-2170 or 2420</b>	a. Squeegee and Backroll	<b>Blend MiraPrime MVERS Plus</b> <b>Mix Ratio:</b> Mix entire kit only <b>Available Kit Sizes:</b> 2.9 Gal., 5.5 Gal.	<i>(Refer to Product Technical Data Sheet and Installation Guideline)</i>
2	<b>Apply MiraFlor Chip Binder Epoxy</b> <b>(Receiver coat)</b>	a. Squeegee and Backroll b. Dip and Roll	<b>Blend MiraFlor Chip Binder</b> <b>Mix Ratio</b> A:B = 3 :1 by Volume	225 square feet per mixed gallon 7 mils
3	<b>Broadcast Flake</b> <b>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 - Available in 50 lbs. and 40 lbs.	1/4 " chips: .12 lbs per square foot 1/8" chips: .15 lbs per square foot
4	<b>Detail Excess Vinyl Chips</b> <b>(Loose and poorly bonded to Chip Binder)</b>	After MiraFlor Chip Binder Epoxy has sufficiently cured to be resistant to damage, scrape entire floor to remove excess and loose vinyl chips. Broom and vacuum surface to remove chip refuse from floor. Recovery of excess vinyl chips is very low due to fragmentation. Reuse is not a recommended practice.		
5	<b>Apply MiraFlor Glazetop</b>	a. Squeegee and Backroll b. Dip and Roll	<b>Blend MiraFlor Glazetop</b> <b>Mix Ratio:</b> A:B = 2:1 by volume	160 - 225 square feet per gallon 7 - 10 mils WFT <b>(Refer to Product Technical Data Sheet)</b>
6	<b>Apply MiraThane MCU</b> <b>Finish Coat</b>	a. Squeegee and Backroll b. Dip and Roll	<b>Blend MiraThane MCU</b> <b>Mix Ratio</b> A:B = 1:3 by volume	350 - 450 square feet per gallon 3.6 - 4.6 mils WFT <b>(Refer to Product Technical Data Sheet)</b>

**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.

