

Installation Guideline

MiraFlor Chip Binder Epoxy Full Flake Broadcast System Standard Duty

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1a	<p style="text-align: center;">Mechanically Prepare Concrete Substrate</p> <p>Note: Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.</p>	a. Diamond Grinding or b. Shotblasting or c. Other similar and approved mechanical methods.	<p>MiraFlor Chip Binder 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.</p>	N/A
1b	<p style="text-align: center;">Apply MiraPrime MVERS Plus <i>(if the following applies)</i></p> <p style="text-align: center;">Moisture Vapor Emission is above 3lbs per ASTM 1869 or 75% RH per ASTM F-2170 or 2420</p>	a. Squeegee and Backroll	<p>Blend MiraPrime MVERS Plus Mix Ratio: Mix entire kit only Available Kit Sizes: 2.9 Gal., 5.5 Gal.</p>	<i>(Refer to Product Technical Data Sheet and Installation Guideline)</i>
2	<p>Apply MiraFlor Chip Binder Epoxy (Receiver coat)</p>	a. Squeegee and Backroll b. Dip and Roll	<p>Blend MiraFlor Chip Binder Mix Ratio A:B = 3 :1 by Volume</p>	225 square feet per mixed gallon 7 mils
3	<p>Broadcast Flake Blended, Colored Vinyl Chips</p>	a. Hand Broadcast or b. Mechanically Broadcast	<p>Colored Vinyl Chips 12 Blended Colors (1/8" or 1/4" chips) One box - Available in 50 lbs. and 40 lbs.</p>	1/4 " chips: .12 lbs per square foot 1/8" chips: .15 lbs per square foot
4	<p>Detail Excess Vinyl Chips (Loose and poorly bonded to Chip Binder)</p>	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 ships is very low due to fragmentation. Reuse is not a recommended practice.		
5	<p>Apply MiraFlor CQ Clear Epoxy Lock/Seal Coat</p>	a. Squeegee and Backroll b. Dip and Roll	<p>Blend MiraFlor CQ Clear Epoxy Mix Ratio: A:B = 2:1 by volume</p>	225 square feet per gallon 7 mils WFT (Refer to Product Technical Data Sheet)

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.