



Installation Guideline

Miraflake - Colored Vinyl Chips  
100% Broadcast System - 1/16 Inch

Step #	Installation Steps	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<b>Mechanically Prepare Substrate</b> <b>Note:</b> 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.	Miracote CQ Clear Epoxy Broadcast Flooring Systems must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Technical Guide No.03732. <i>"Selecting and Specifying Concrete Surface Preparation.."</i> Concrete surface must be dry at the time of application.	N/A
2	<b>Prime Substrate with CQ Clear Epoxy (Clear or Pigmented)</b>	a. Spread and Roll b. Squeegee and Backroll	Blend CQ Clear Epoxy Mix Ratio A:B = 2:1 by Volume If Pigmented Add (1) Unit of ColorPax-E Per 3 Gal. Unit	200-250 SF/Gal. 6.4 to 8.0 mils WFT
3	<b>Apply CQ Clear Epoxy</b>	a. Notched Squeegee and Backroll	Blend CQ Clear Epoxy Clear Mix Ratio A:B = 2:1 by Volume	225/SF 7 mils WFT
4	<b>Broadcast Miraflake Colored Vinyl Chips</b>	a. Hand broadcast or b. Mechanically broadcast	Miraflake Colored Vinyl Chips 12 Standard Solid Colors 9 Blended Decorative Colors One (1) Bag = 25 LBS	.14 LB Per SF <b>Note:</b> Recovery of excess vinyl flakes is very low. <b>Do not try to reuse.</b>
5	<b>Remove Excess Vinyl Chips</b>	After epoxy broadcast system has sufficiently cured to be resistant to damage, carefully remove excess vinyl chips by broom and vacuum. Recovery of excess vinyl chips is usually very low and results in fragmentation. <b>Reuse is not a recommended practice.</b>		
6	<b>Optional - Lightly Sand &amp; Tack Wipe</b>	Lightly sand and tack wipe broadcasted surface if cure time exceeds 24 hours @ 75F before application of the Top Coat.		
7	<b>Apply CQ Clear Epoxy</b> <b>Note:</b> It is important to maintain a wet edge when installing clear sealer coats & finishes.	a. Squeegee and Backroll	CQ Clear Epoxy Mix Ratio A:B = 2:1 by Volume	200-250 SF/Gal. 6.4 to 8.0 mils WFT
<b>OPTIONAL APPLICATION OF ONE OR TWO CLEAR FINISH COATS USING ALIPHATIC POLYESTER URETHANE OR POLYASPARTIC</b>				
8	<b>Optional - Lightly Sand &amp; Tack Wipe</b>	Lightly sand and tack wipe top coat if cure time exceeds 24 hours @ 75F before application of the Finish Coats.		
<b>Choose any of the Miracote sealers or topcoats for best results depending on location, service, use and exposure. Refer to the Product Technical Data Sheets and Installation Guides for APU 100 or Glazetop.</b>				

**Note:** Prior to starting the application of any Miracote Product or System be sure to read the Installation Guideline Manual, Appendices, 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.



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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.