



Installation Guideline

MiraFlor Metallux Epoxy HD System

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<p style="text-align: center;">Mechanically Prepare Substrate</p> <p>Note: Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.</p>	a. Shotblasting or b. Diamond grinding or c. Other similar approved mechanical methods.	MiraFlor Metallux Epoxy Flooring must be applied to a dry, clean and sound mechanically prepared concrete or other type of substrate. Refer to ICRI's Technical Guideline No. 310.2R-2013 Guideline, "Selecting and Specifying Concrete Surface preparation for Sealers, Coatings, & Polymer Overlays".	N/A
2	<p style="text-align: center;">Prime Substrate with MiraFlor CQ Clear (Clear or Pigmented)</p>	a. Dip and Roll b. Squeegee and backroll	Blend MiraFlor CQ Clear Mix Ratio A:B = 2:1 by Volume If Pigmenting: Use - MiraFlor CQ Pigmented Epoxy (solid color) Use - MiraFlor CQ Clear with 1 (24oz) Metallux Pigment Note: Always add Metallux pigment to "A" Component before mixing with "B"	350-400 square feet per mixed gallon 4.0 to 4.5 mils
3	<p style="text-align: center;">Apply MiraFlor Metallux Coat</p> <p>Note: Apply Metallux coat when primer has become tacky.</p>	a. Magic trowel or b. Squeegee or c. Roller	Blend MiraFlor CQ Clear Mix Ratio A:B = 2:1 by Volume Add (1) Unit of MiraFlor Metallux pigments Per 3 Gal Unit Note: Several hours or preferably the day before application, premix metallic pigment into "A" Component. Mix with "B" when ready to use.	75-100 square feet per mixed gallon 16 - 21 mils
4	<i>Optional</i>	a. Hand-held Sprayer	Option 1	
	<p style="text-align: center;">Dispersing MiraFlor Metallux Surface</p> <p>Note: Acetone or Isopropyl Alcohol may be used to lightly mist the wet MiraFlor Metallux film. This reduces surface tension which causes diffusion and thinning of the wet film. As a result, this reaction creates the appearance of unique "marbling" or "hammer-toning" effects ranging from mottling to transparency to illusionary depth of the finished surface.</p>	Caution: Do not use Hudson or Chapin type sprayers	Use Acetone, Denatured Alcohol, or Isopropyl Alcohol	
5	<p style="text-align: center;">Apply MiraThane MCU</p>	a. Squeegee and Backroll b. Dip and Roll	<p style="text-align: center;">MiraThane MCU Mix Ratio A:B = 1:3 by volume</p>	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 Guideline Manual. Appendices, Product Data Sheets, MSDS and other pertinent documents



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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.