



Installation Guideline

MiraFlor ESD Electrostatic Dissipative Flooring

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Mechanically Prepare Concrete Substrate Note: Minimum (CSP) concrete surface profile of CSP-2 to CSP-3 is required depending on substrate conditions and coating requirements.	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.	MiraFlor ESD electrostatic dissipative epoxy coating must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI Technical Guideline No.310.2R-2013, <i>Selecting and Specifying Concrete Surface Preparation.</i> Concrete surface must be cured a minimum of 7 days and dry at the time of application.	N/A
2	Prime Concrete Substrate (1) MiraPrime MVERS Plus or (2) MiraPrime MVERS FC Note: Refer to the individual installation guideline for the application of the above chosen moisture mitigation primer.	a. Spread and Roll b. Squeegee and Backroll	MiraPrime MVERS Plus Mix Ratio: Mix entire kit only Available Kit Sizes: 2.9 Gal., 5.5 Gal. or MiraPrime MVERS FC Mix Ratio: Mix entire kit only Available Kit Sizes: 3.5 Gal.	Refer to MVERS Plus IG Refer to MVERS FC IG
3	Provide Grounding in accordance with ANSI ESD S6.1-2019			
4	Apply 1st Coat of MiraFlor ESD	a. Notched squeegee/backroll b. Brush for detail work	MiraFlor ESD Mix Ratio: Mix entire kit only Available Kit Sizes: 2 Gal Note: For additional product technical information consult PTDS.	133 SF/Gal 12 mils WFT Note: Actual coverage rate depends on concrete surface profile.
5	Apply 2nd Coat of MiraFlor ESD <i>(apply within 24 hours of the 1st coat)</i> Note: For best results, a 2nd coat should be applied at cross-angles to the 1st coat after at least 8-12 hours of drying time depending on application temperatures.	a. Notched squeegee/backroll b. Brush for detail work	MiraFlor ESD Mix Ratio: Mix entire kit only Available Kit Sizes: 2 Gal	133 SF/Gal 12 mils WFT
6	Verify Conductivity is within range of one million (1E⁶) to one billion (1E⁹) ohms, as tested in accordance with ESD Association Standard 7.1			

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, unusual or abnormal substrate conditions and other unforeseen job site conditions that may affect actual product yields are the responsibility of the installer.

