



Installation Guideline

MiraThane CRU Matte Polyurethane Finish Coat

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Application Direct to New and/or Existing Concrete				
1	Mechanically Prepare Concrete Substrate Note: Minimum (CSP) concrete surface profile of CSP-1 to CSP-3 is required depending on substrate conditions and and coating requirements.	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.	MiraThane CRU Matte polyurethane finish coat must be applied to a fully cured, clean, sound, and mechanically prepared concrete substrate, as per ICRI Technical Guideline No.310.2R-2013, <i>Selecting and Specifying Concrete Surface Preparation</i> ". When applying direct to concrete surfaces, the application of an epoxy or acrylic primer is required (Step2a or 2b).	N/A
2a	Application of Epoxy Primer MiraFlor CQ (clear or pigmented) (when moisture mitigation is not required) MiraPrime MVERS Plus (when moisture mitigation is required) Note: New concrete surfaces must be fully cured and dry prior to the application of the primer.	a. Dip and Roll b. Squeegee and backroll c. Brush for detail work	Blend MiraFlor CQ Clear or Pigmented Mix Ratio: A:B = 2:1 by Volume MiraFlor CQ Kit Sizes: 3 Gal. and 15 Gal. Blend MiraPrime MVERS Plus Mix Ratio: Mix entire kit only MiraPrime MVERS Plus Kit Sizes: 2.9 Gal. and 5.5 Gal. Note: Over very porous surfaces, a second coat may be required.	200-250 SF/Gal 6.4 to 8.0 mils WFT Dependent on MVE test results Consult MiraPrime MVERS Plus IG
2b	Application of Acrylic Primer Note: New concrete surfaces must be fully cured and dry prior to the application of the primer.	a. Dip and Roll b. Squeegee and backroll c. Brush for detail work d. Spray	MiraPrime WB Single Component: Mix or agitate well prior to use 1 Gal. and 5 Gal. Units Note: Over very porous surfaces, a second coat may be required.	250-300 SF/Gal 5.3 to 6.4 mils WFT
3a	Apply One Coat of MiraThane CRU Matte (for best results apply two coats) Note: When applying exterior, avoid the application of MiraThane CRU Matte when ambient and substrate temperatures are rising, and proceed only within published application limitations.	a. Dip and Roll b. Squeegee and backroll c. Brush for detail work	Blend MiraThane CRU Matte Mix Ratio: A:B = 4:1 by Volume Kit Size: 2.5 Gal. Mix entire kit only	320 - 500 SF/Gal 3.2 - 5.0 mils WFT Note: Coverage rate is dependent on Coverage dependent on substrate
3b	Apply Second Coat of MiraThane CRU Matte Note: Apply 2nd coat at 90 degrees from the 1st coat.	Same as Above	Miracote Synthetic Aggregate (90 mesh) Add max. of 2-4 Ounces/Gal to MiraThane CRU Matte for slip resistance	Note: Always apply mock-ups on site to verify coverage rates and owner approval.
Application as a Finish Coat to other Installed Miracote Products/Systems: MPC, MiraFlex, MiraFlor, MiraGard and MiraTop. Consult Applicable Installation Guides				

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.