



Installation Guideline

MiraThane MCU Clear or Pigmented Moisture Cured Urethane Coating

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<p style="text-align: center;">Mechanically Prepare Concrete Substrate</p> <p>Note: Minimum (CSP) concrete surface profile of CSP-2 to CSP-4 is required depending on substrate conditions and coating requirements.</p>	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.	<p>MiraThane MCU moisture-cured urethane finish coat 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> Direct to concrete surfaces must be properly primed with an epoxy primer prior to application.</p>	N/A
2	<p style="text-align: center;">Prime Concrete Substrate MiraFlor CQ (clear or pigmented) (when moisture mitigation is not required)</p> <p style="text-align: center;">MiraPrime MVERS Plus (when moisture mitigation is required)</p> <p>Note: New concrete surfaces must be fully cured and dry prior to the application of the primer.</p>	a. Dip and Roll b. Squeegee and backroll c. Brush for detail work	<p style="text-align: center;">Blend MiraFlor CQ Clear or Pigmented Mix Ratio: A:B = 2:1 by Volume MiraFlor CQ Kit Sizes: 3 Gal. and 15 Gal.</p> <p style="text-align: center;">Blend MiraPrime MVERS Plus Mix Ratio: Mix entire kit only MiraPrime MVERS Plus Kit Sizes: 2.9 Gal. and 5.5 Gal.</p> <p>Note: Over very porous surfaces, a second coat may be required.</p>	200-250 SF/Gal 6.4 to 8.0 mils WFT Dependent on MVE test results Consult MiraPrime MVERS Plus IG
3	<p style="text-align: center;">Apply One Coat of MiraThane MCU</p> <p>Caution: As with all exterior coatings avoid the application of MiraThane MCU when ambient and substrate temperatures are rising, and exceed PTDS published limitations. Attempt to schedule work when application conditions are during the cooler times of the day. Note: Not intended for exterior slab-on-grade applications.</p>	a. Dip and Roll b. Squeegee and backroll c. Brush for detail work	<p style="text-align: center;">Blend MiraThane MCU Clear Mix Ratio: A:B = 1:3 by Volume Kit Sizes: 1 Gal. and 4 Gal.</p> <hr/> <p style="text-align: center;">Blend MiraThane MCU Pigmented Available in Gray and White only Mix Ratio: A:B = 1:3 by Volume Kit Sizes: 1 Gal. and 4 Gal.</p>	400 - 450 SF/Gal 3.5 - 4.0 mils WFT Note: Coverage dependent on substrate profile, and specific type of application.
3b	<p style="text-align: center;">Optional - Addition of Synthetic Aggregate Mix into MiraThane MCU to enhance coefficient of friction and slip resistance.</p>	Same as Above	<p style="text-align: center;">Miracote Synthetic Aggregate</p> <p>Add max. of 2-6 Ounces/Gal to MiraThane MCU for slip resistance</p>	<p>Note: Always apply mock-ups on site to verify coverage rates and owner approval.</p>

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.