MIRACOTE

Installation Guideline

MiraThane CRU Gloss
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 Gloss poly**urethane 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, *Selecting and Specifying Concrete Surface Preparation".* 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 mitgation 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 Gloss** **(for best results apply two coats)** **Note:** When applying exterior, avoid the application of **MiraThane CRU Gloss** 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 Gloss** **Mix Ratio:** A:B = 5:1 by Volume **Kit Size:** 6.0 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 Gloss** **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 Gloss 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.

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