



Installation Guideline

Microtopping DP Architectural Overlay System Nominal 3/32 Inch

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Mechanically Prepare and Presaturate the Concrete Substrate Note: Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.	Miracote's Microtopping DP Systems must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Technical Guide No.03732, " <i>Selecting and Specifying Concrete Surface Preparation</i> ". The concrete substrate should be (SSD) Saturated Surface Dry with no standing water at the time of application.	N/A
2	Apply 1st Coat of Microtopping DP Note: The concrete substrate must in a Saturated Surface Dry (SSD) condition with no standing water at the time of application.	a. Magic trowel or b. Hand Trowel or c. Squeegee	Blend: Microtopping DP Regular Powder and Water Mix Ratio: 8-10 Qts. Potable Water to (1) 55 LB Bag <i>Mix thoroughly for 3 to 5 minutes with drill & paddle</i>	240 SF/Unit
3	SURFACE SANDING		Sand with 80 grit screen on a floor machine	
4	Apply 2nd Coat of Microtopping DP	a. Magic trowel or b. Hand Trowel or c. Squeegee	Blend: Microtopping DP Smooth Powder and Water Mix Ratio: 10-12 Qts. Potable Water to (1) 55 LB Bag <i>Mix thoroughly for 3 to 5 minutes with drill & paddle</i>	700 SF/Unit
5	Apply 3rd Coat of Microtopping DP	a. Hand Trowel or b. Magic trowel or c. Squeegee	Blend: Microtopping DP Smooth Powder and Water Mix Ratio: 10-12 Qts. Potable Water to (1) 55 LB Bag <i>Mix thoroughly for 3 to 5 minutes with drill & paddle</i>	800 SF/Unit
For antiquing options with acid or water based stains/dyes, Please review the IG's for Mirastain I or Mirastain II				
Choose any of the Miracote sealers or topcoats for best results depending on location, service, use and exposure. Refer to the Product Technical Data Sheets and Installation Guides for Miracote HDWB, HD 400, HD 100, Mirapoxy WB, Mirathane WB, CQ Clear Epoxy, Mirathane APU 100 or Glazetop.				

Note: Prior to starting the application of any Miracote Products or Systems read the Installation Guideline Manual, Appendices, Product Technical Data Sheets, MSDS and other pertinent documents published by Crossfield Product Corp. for information, including but not limited to, Set, Recoat and Cure Times, 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.

Application texture techniques affect yield of the materials due to variation in material thickness.

Do not install Microtopping DP Regular at over 3/16 of an inch per coat.

Do not install Microtopping DP Smooth at over 3/32 of an inch per coat.