



Installation Guideline

Miracote One
Architectural Overlay System
Microtopping Smooth Finish

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<p>Mechanically Prepare and Presaturate the Concrete Substrate</p> <p>Note: Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions & coating requirements.</p>	<p>a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.</p>	<p>Miracote One 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.</p>	N/A
2	<p>Apply 1st Coat of Miracote One Regular Powder</p> <p>Note: The concrete substrate must in a Saturated Surface Dry (SSD) condition with no standing water at the time of application.</p>	<p>a. Magic trowel or b. Hand Trowel or c. Squeegee</p>	<p>Blend: Miracote One Regular Powder and Water Mix Ratio: 6-7 Qts. Potable Water to (1) 55 LB Bag</p> <p><i>Mix thoroughly for 3 to 5 minutes with drill & paddle</i></p>	240 SF/Unit
3	<p>Apply 2nd Coat of Miracote One Regular Powder</p>	<p>a. Magic trowel or b. Hand Trowel or c. Squeegee</p>	<p>Blend: Miracote One Regular Powder and Water Mix Ratio: 6-7 Qts. Potable Water to (1) 55 LB Bag</p> <p><i>Mix thoroughly for 3 to 5 minutes with drill & paddle</i></p>	200 SF/Unit
4	<p>SURFACE SANDING</p>		<p>Sand with 80 grit screen on a floor machine</p>	
5	<p>Apply 1st Coat of Miracote One Smooth Powder</p>	<p>a. Hand Trowel or b. Magic trowel or c. Squeegee</p>	<p>Blend: Miracote One Smooth Powder and Water Mix Ratio: 9 Qts. Potable Water to (1) 55 LB Bag</p> <p><i>Mix thoroughly for 3 to 5 minutes with drill & paddle</i></p>	550 SF/Unit
<p>For antiquing options with acid or water based stains/dyes, Please review the IG's for Miracote Mirastain</p>				
<p>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 MiraGard HDWB, MiraGard HD 400, MiraGard HD 100, MiraFlor WB, MiraThane WB, MiraFlor CQ Clear or MiraFlor Glazetop.</p>				

Note: Prior to starting the application of any Miracote Products or Systems read the Installation Guide(s), 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.

