



Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<p><b>Mechanically Prepare and Presaturate the Concrete Substrate</b></p> <p><b>Note:</b> Minimum (CSP) concrete surface profile of CSP-2 or higher is required depending on substrate conditions &amp; coating requirements.</p>	<p>a. Power washing b. Sandblasting or c. Shotblasting or d. Diamond grinding or e. Other similar and approved mechanical methods</p>	<p>Miracote RT 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>". Must be <b>(SSD) Saturated Surface Dry</b> with no standing primer at the time of application.</p>	N/A
2	<p><b>Primer</b></p> <p>Unsealed concrete: MiraPrime Universal Sealed concrete: MiraPrime ML</p>	<p>a. Chapin type sprayer and backroll b. Dip - n - roll</p>	<p><b>Mix Ratio: MiraPrime Universal - Single Component</b> <b>Mix Ratio: MiraPrime ML - 2A : 1B</b></p>	<p>MiraPrime Universal: 400 SF per GAL MiraPrime ML: 320 SF per GAL</p>
3	<p><b>Mix &amp; Apply Miracote RT</b></p>	<p>a. Pressure Pot</p>	<p><b>Blend: Miracote RT Powder:Water:ColorPax-LIP, RT Retarder</b> <b>Mix Ratio: 10-12 Qts. Potable Water to (1) 32 LB Bag</b></p> <p>Pour entire bag into 8 Qts water and blend thoroughly for 3 minutes, while Slowly adding the ColorPax-LIP and 4 oz. of RT Retarder. Add additional 2-4 quarts and mix for another 2 minutes. Pour the mixed material through a paint strainer while adding into the pressure pot</p>	<p>700 SF per unit depending upon substrate</p>
<p><b>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.</b></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.

**Do not install Miracote RT too thick as plastic shrinkage cracks will appear.**

**Do not install Miracote RT unevenly, thick and thin areas will hydrate differently creating uneven color.**

