

Step #	Installation Steps	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<b>Mechanically Prepare Concrete Substrate</b>  <b>Note:</b> Minimum (CSP) concrete surface profile of CSP-4 or higher is required depending on substrate conditions and concrete surface repair requirements.	a. Sandblasting or b. Shotblasting or c. Scarifing or d. Scabbling or e. Other similar mechanical methods	<b>MiraPatch DP</b> must be applied to a clean and sound concrete substrate that has been mechanically prepared, as per ICRI Technical Guideline No. 310.2 - 1997, "Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings and Polymer Overlays". <b>Concrete substrate must be saturated surface dry (SSD) with no standing water during the application process of scrub coating and troweling the material in place.</b>	N/A
2	<b>Presaturate Concrete Substrate</b>	a. Hose-end sprayer or b. Spray and broom or c. Hudson-type spray alone	<b>Potable Water</b>	As required to achieve SSD
3	<b>Trowel Apply and Finish MiraPatch DP mortar 1/8" to 3/4"</b>  <b>Note:</b> To ensure 100% intimate contact and maximum adhesion, scrub MiraPatch DP into the substrate to fill all pores and voids. Then immediately trowel apply MiraPatch DP.	a. Hand Trowel or b. Hawk and trowel c. Screed d. Form and Cast-in-Place e. Form and Dry Pack	<b>Blend:</b> MiraPatch DP with Potable Water <b>Mix Ratio:</b> 50 LB Bag with 4-5 Quarts	<b>Yield:</b> .48 CF/Unit <b>Covers:</b> 46.6 SF @ 1/8" 23.3 SF @ 1/4" 17.4 SF @ 3/8" 11.6 SF @ 1/2" 7.7 SF @ 3/4"
			Pour 4 quarts of water into mixing vessel. Add powder and mix continuously with a low speed drill (400-600 rpm) and paddle to a uniform consistency for minimum 3 minutes. Add remaining water as needed to achieve desired repair mortar consistency.	
4a	<b>Trowel Apply and Finish MiraPatch DP concrete 3/4" to 1"</b>  Apply and finish MiraPatch DP extended with 1/4" coarse aggregate	a. Hand Trowel or b. Screed c. Form and Dry Pack d. Form and Cast-in-Place	<b>Blend:</b> MiraPatch DP with Potable Water then slowly add (SSD) saturated surface dry aggregate.	<b>Yield:</b> .66 CF/Unit (25#'s aggregate)
			<b>Mix Ratio:</b> 50 LB Bag with 4-5 Quarts	<b>Covers:</b> 10.6 SF @ 3/4" 9.0 SF @ 7/8"
			<b>Extend:</b> <b>With 1/4" aggregate, 20 - 30 LB max.</b>	7.9 SF @ 1"
4b	<b>Trowel Apply and Finish MiraPatch DP concrete ≥ 1"</b>  Apply and finish MiraPatch DP extended with 3/8" coarse aggregate	a. Hand Trowel or b. Screed c. Form and Dry Pack d. Form and Cast-in-Place	<b>Blend:</b> MiraPatch DP with Potable Water then slowly add (SSD) saturated surface dry aggregate.	<b>Yield:</b> .66 CF/Unit (25#'s aggregate)
			<b>Mix Ratio:</b> 50 LB Bag with 4-5 Quarts	<b>Covers:</b> 7.9 SF @ 1" 6.6 SF @ 1.25"
			<b>Extend:</b> <b>With 3/8" aggregate, 20 - 30 LB max.</b>	5.3 SF @ 1.5"

**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.