

## MiraFlex UTW - Steps 1 through 5 - Basic Foundation over Concrete Substrates

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	<b>Mechanically Prepare Substrate</b> <b>Note:</b> Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on existing substrate conditions & overlayment requirements.	a. Shot Blast b. Diamond Grind c. Other	MiraFlex UTW - must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Tech Guide No.03732, "Selecting and Specifying Concrete Surface Preparation".	N/A
2	<b>Prime Concrete with MiraFlex Membrane A Primer</b>	a. Dip and Roll	Blend MiraFlex Membrane -A and Potable Water. Mix Ratio Membrane A:Water = 1:1	400 SF/Gal 4 mils WFT 1 mil DFT
3	<b>Apply 1st Coat of MiraFlex Membrane A</b> <b>Note 1:</b> During application of Membrane A, the use of a mil gauge is necessary to verify correct WFT. <b>Note 2:</b> When the 1st Coat of Membrane A is dry to the touch, apply the 2nd coat within 24 hours.	a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll	MiraFlex Membrane -A Neat (Single Component)	64 SF/Gal 25 mils WFT 12.5 mils DFT (NEAT)
4	<b>Apply 2nd Coat of MiraFlex Membrane A</b> <b>Note 1:</b> Apply the second membrane coat @ right angles to the first membrane coat. <b>Note 2:</b> Exercise caution before proceeding to Step #4. Membrane A must be dry, clean and free of surface contaminants that may effect adhesion.	a. Notched Squeegee/Trowel and Lightly Backroll b. Dip and Roll c. Trowel Membrane into Fabric by hand or squeegee	MiraFlex Membrane -A Neat (Single Component) Important: Reinforce with Miracote Poly Fabric	50 SF/Gal 32 mils WFT 16 mils DFT
5	<b>Apply Miracote MPC Coat Protection Coat</b>	a. Hand Trowel, or b. Magic Trowel, or c. Squeegee	<b>Blend:</b> MPC Liquid Catalyst and MPC Powder <b>Mix Ratio: 5 Gal MPC Liquid Catalyst to (2) 55 LB Bags</b> <b>Note:</b> Climatic conditions that are associated with high rates of evaporation can decrease MPC working time. Add 1 unit of Miracote MPC Retarder to increase valuable working time when these conditions are present or anticipated. <b>Mix Option 1 (Not Pigmented)</b> Mix Gray or White Regular MPC	500 SF/Unit  <b>Note:</b> MPC coverage can vary depending on the desired texture of finish, and the profile or condition of the existing concrete substrate.

**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.

