



## Installation Guideline

## MiraTop SLCQ 100% Broadcast System

Step #	Installation Steps	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 substrate conditions & coating requirements.	a. Sandblasting or b. Shotblasting or c. Diamond grinding or d. Other similar and approved mechanical methods.	<b>MiraTop SL</b> must be applied to a clean, sound, and mechanically prepared concrete substrate, as per ICRI's Technical Guideline No.310.2R-2013 "Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymers Overlays and Concrete Repair". Concrete surface must be dry during application.	N/A
2	<b>Optional Skim Coat</b> (for application over porous or irregular substrates)	a. Trowel applied b. Squeegee applied	<b>Blend MiraPatch RM 2 Liquid and Powder</b> <b>Mix Ratio:</b> (1) Gal Liquid to (1) 40 LB Bag	<b>Yield:</b> .38 CF/Unit <b>Covers:</b> 146.2 SF @ 1/32" 73.1 SF @ 1/16"
3	<b>Sawcut Keyways into Concrete Substrate</b>	a. Hand-held angle grinder b. Walk-behind saw	To anchor <b>MiraTop SL</b> flooring system into the concrete slab, sawcut 1/4" x 1/4" keyways into the substrate a maximum of 4" away from all transitions, terminations and perimeters including drains and floor joints.	N/A
4	<b>Apply MiraTop SL Broadcast Coat</b>	a. Hand broadcast or b. Mechanically broadcast	<b>Blend MiraTop SL</b> <b>Mix Ratio:</b> Mix entire kit only <b>Kit Sizes:</b> 2 Gal. & (1) 47# Bag of Powder, 4 Gal. & (2) 47# Bags of Powder <i>*Do Not Split Kits</i> <b>Pot Life - 20 minutes    Cure Time - 6 hours    Recoat Time - 6 to 48 hours</b>	<b>2 Gal. Kit:</b> 40 SF @ 3/16" 30 SF @ 1/4"  <b>4 Gal. Kit:</b> 80 SF @ 3/16" 60 SF @ 1/4"
5	<b>Broadcast Color Quartz Aggregate to Rejection</b>	a. Hand or machine applied	N/A	1.0 lbs. per SF
6	<b>Remove Excess and Loose Aggregate</b>	a. Scraper or Blade Smoother	Recovery of excess aggregate can typically range between 60 to 70%.	N/A
7	<b>Apply MiraFlor CQ Lock (Grout) Coat</b>	a. Squeegee and Backroll	<b>Blend MiraFlor CQ</b> <b>Mix Ratio:</b> A:B - 2:1 by volume  <b>Pot Life - 20 minutes    Cure Time - 6 hours    Recoat Time - 6 to 24 hours</b>	107 - 133 SF/Gal 12 - 15 WFT
7	<b>Apply MiraFlor Glazetop 85 Finish Coat</b>  <b>Note:</b> It is important to maintain a wet edge when applying topcoats coats & finishes.	a. Squeegee and Backroll	<b>MiraFlor Glazetop 85 Clear</b> <b>Mix Ratio:</b> A:B - 1:1 by volume  <b>Pot Life - 20 minutes    Cure Time - 6 hours    Recoat Time - 6 to 24 hours</b>	133 - 160 SF/Gal 10 - 12 WFT

**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 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.

