



Installation Guideline

Miracote MPC Park Deck Coating Vehicular Traffic System

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
1	Mechanically Prepare Concrete Substrate Note: Minimum (CSP) concrete surface profile of CSP-3 or higher is required depending on substrate conditions, vehicular traffic exposure and protective coating requirements.	a. Shotblasting or b. Sandblasting or c. Other similar and approved mechanical methods.	Miracote MPC Park Deck Coating must be applied to a clean, sound, and mechanically prepared concrete surface in accordance with ICRI's Technical Guide No.03732, <i>"Selecting and Specifying Concrete Surface Preparation...."</i> . Concrete substrate should be (SSD) Saturated Surface Dry with no standing water at the time of application.	N/A
Treatment of Cracks and Cold Joints				
2	Cracks and Cold Joints - Less Than 1/16" Apply 2 Coats of MiraFlex Membrane A Note 1: Apply a minimum of two (2), 25 wet mil coats over cracks @ a width of at least 2".	a. Medium Nap Roller b. Brush	MiraFlex Membrane A Single Component	32 SF/Gal
3	Cracks and Cold Joints - 1/16" and Greater 3a - Rout & Seal with Polyurethane 3b - Apply 2 Coats of MiraFlex Membrane A Note 1: Rout cracks to create a 3/8" slot, and seal with polyurethane sealant, as per manufacturer recommendations. Note 2: Apply 2 coats MiraFlex Membrane A, as above.	a. Medium Nap Roller b. Brush	MiraFlex Membrane A Single Component	32 SF/Gal
Miracote MPC Park Deck Coating Application				
Note: Miracote MPC Park Deck Coating is available in two basic colors, White and Natural (gray) cement. Due to the nature of natural (grey) cement, there may be slight to significant variations in the final color. For a wider range of colors and enhanced color consistency, Miracote MPC Park Deck Coating may be pigmented using the White cement powder component. For pigmentation, ColorPax-LIP (Liquid Integral Pigment) packs must be dispensed and mixed into the 5 Gal. pail of the Miracote MPC Liquid Catalyst components. For projects of 10,000 SF or greater, factory pigmentation of the Liquid Catalyst component may be available.				
4	Apply 1st Coat - Miracote MPC Regular Note: Applicable on the first coat only, the concrete substrate must be (SSD), Saturated Surface Dry , with no standing water at the time of application.	a. Notched Squeegee and backroll	Blend: Miracote MPC Liquid Catalyst and Miracote MPC Regular Powder Mix Ratio: 5 Gal. Miracote MPC Liquid Catalyst to (2) 55 LB Bags Note: Climatic conditions that are associated with high rates of evaporation can decrease Miracote MPC working time. Add 1 unit of Miracote MPC Retarder to increase valuable working time when these conditions are present or anticipated.	500 SF/Unit 30 mils +/-
5	Apply 2nd Coat - Miracote MPC Regular	a. Notched Squeegee and backroll	Same as Above	Same as above



Installation Guideline

Miracote MPC Park Deck Coating Vehicular Traffic System

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
6	Apply 3rd Coat - Miracote MPC Regular or Hard. Note: For enhanced abrasion and resistance to wear, use Miracote MPC Hard in lieu of Regular.	a. Notched Squeegee and backroll	Same as Above	Same as above
Optional: Application of Miracote Sealers and Topcoats				
Note: For enhanced cleanability and resistance to stains and tire marking, Miracote provides a broad range of Clear Acrylic Sealers, Clear or Pigmented Polyurethane Topcoats and siloxane-based, hydrophobic and oleophobic penetrating sealers that can be applied to the new Miracote MPC Park Deck Coating surface. Consult with your local Miracote representative for the best recommendation based on exposure conditions and specific requirements of the parking garage owner.				
Option 1	Apply Clear Acrylic Sealer 1 or 2 Coats Note 1: Two coats are recommended for for best cleanability and/or stain resistance.	a. Hudson-type sprayer or b. Roller, Applicator Pad or	MiraGard HDWB Sealer, Gloss, Satin or Matte or	400 SF/Gal
		Warning: Clear acrylic sealers must be applied in a thin film. Maintain stated coverage rates.	MiraGard HD 400 Sealer, Gloss or Low Gloss or	400 SF/Gal
			MiraGard HD 100 Sealer, Gloss or Low Gloss	400 SF/Gal
Option 2	Apply Siloxane-based Penetrating Sealer 1 or 2 Coats	a. Hudson-type sprayer or b. Roller, Applicator Pad or	MiraGard Drylook Sealer or	400 - 600 SF/Gal
			MiraGard Enriching Sealer	400 - 600 SF/Gal
Option 3	Apply Polyurethane-based Topcoat 1 or 2 Coats	a. Dip and Roll or b. Airless Spray	Consult with Miracote for best recommendation	

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.

