



Installation Guideline

Miracote MPC Deck Coating Pedestrian 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 Plaza Deck Coating must be applied to a clean, sound, and mechanically prepared concrete surface in accordance with ICRI Technical Guideline No.0310.2R-2013 for concrete surface preparation. Concrete substrate should be (SSD) Saturated Surface Dry with no standing water at the time of application.	N/A
1.1	Optional - Apply MiraPrime Aqua-Blok XL. Not required, but recommended to mitigate potential for moisture and efflorescence migration, apply as per applicable PTDS & Installation Guide.			
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 CPC Hybrid Sealant 3b - Apply 2 Coats of MiraFlex Membrane A Note 1: Rout cracks to create a 3/8" slot, and seal with CPC Hybrid 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 Plaza Deck Coating Application				
Note: Miracote MPC Plaza 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 Plaza 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 b. Magic trowel c. Texture sprayer/hopper gun	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 b. Magic trowel c. Texture sprayer/hopper gun	Same as Above	Same as above



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Optional: Application of Miracote Sealers, Topcoats or MiraGard Granite (decorative microflake broadcast system)				
<p>Note: For enhanced cleanability and resistance to stains and tire marking, Miracote provides a broad range of clear and pigmented acrylic sealers, polyurethane topcoats, siloxane-based penetrating sealers or a decorative microflake broadcast system such as MiraGard Granite that can be applied to the new Miracote MPC Pedestrian Deck Coating surface. Consult with your local Miracote technical sales representative for the best recommendation based on exposure conditions and specific requirements of the specifier and/or property owner.</p>				
Option 1	<p style="text-align: center;">Apply Clear Acrylic Sealer 1 or 2 Coats</p> <p>Note 1: Two coats with a short-nap roller is required for best cleanability and/or stain resistance.</p>	<p>a. Hudson-type sprayer or b. Roller, Applicator Pad or</p>	<p style="text-align: center;">MiraGard HDWB Sealer, Gloss, Satin or Matte or MiraGard HD 50 Sealer, Gloss or Satin*</p> <p><small>*(Allow Miracote MPC to cure a minimum of 48 to 72 hours before applying.)</small></p>	<p>320 - 350 SF/Gal</p> <hr/> <p>320 - 350 SF/Gal</p>
Option 2	<p style="text-align: center;">Apply Pigmented Acrylic Coating 1 or 2 Coats</p>	<p>a. Dip and Roll or b. Power Roller</p>	<p style="text-align: center;">MiraGard Colorbond XL</p>	<p>250 - 300 SF/Gal</p>
Option 3	<p style="text-align: center;">Apply Siloxane-based Penetrating Sealer 1 or 2 Coats</p>	<p>a. Hudson-type sprayer or b. Power Roller*</p> <p>* Do not dip and roll</p>	<p style="text-align: center;">MiraGard Drylook Sealer WB</p> <p><small>*(Allow Miracote MPC to cure a minimum of 48 to 72 hours before applying.)</small></p>	<p>400 SF/Gal</p>
Option 4	<p style="text-align: center;">Apply Decorative Microflake Broadcast System</p>	<p>a. Dip and Roll then broadcast</p>	<p style="text-align: center;">MiraGard Granite</p>	<p>Consult Individual PTDS and IG</p>

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.