



Installation Guideline

MiraGard Nano-Glass Cure and Seal for White or Pigmented Exposed Pebble Finish Plaster

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Application Direct to New and/or Existing Plaster				
1	Surface Preparation of Plaster Substrate Note: Thoroughly pressure wash entire pool to remove neutralizing residues and debris.	a. Install pebble finish plaster per manufacturer's current instructions. b. Utilize preferred exposure method. c. Neutralize plaster substrate, if acid exposure methods are used.	MiraGard Nano-Glass must be applied to a clean and sound pebble finish plaster substrate free of any surface debris, sand and/or other contaminants. For new plaster, upon completion of pressure washing verify finished surface is thoroughly dry to the touch before applying Nano-Glass.	N/A
2a	Apply MiraGard Nano-Glass 1st Application Note: Apply the Nano-Glass onto plaster evenly to refusal until a light wet sheen appears on the plaster surface. Avoid over-application and puddling. Immediately remove Nano-Glass from non-plaster surfaces while still wet.	a. Pump Sprayer (low pressure) (low pressure pump with fan tip) b. Backroll immediately c. Brush - as needed to detail d. Soft cloth - as needed to wipe down all non-plaster surfaces. e. Sponges - to absorb any areas of puddling material.	MiraGard Nano-Glass Single component Lightly agitate before use Note: Refer to the Product Technical Data Sheet (PTDS) for MiraGard Nano-Glass prior to application of this material.	250 - 300 SF/GAL *Actual rate of consumption is dependent on several factors including plaster mix design, and degree of porosity. Always install a mock-up sample to verify.
2b	Apply MiraGard Nano-Glass 2nd Application - Repeat as above Note: Once sheen from the 1st application has faded, re-apply Nano-Glass in opposite direction.	Same as above	MiraGard Nano-Glass Single component Lightly agitate before use	Same as Above
3	Apply 1st Mist Coat of Potable Water	a. Pump Sprayer (low pressure)	Approximately 30-40 minutes following the application, lightly mist coat the surface with potable water only.	
4	Apply 2nd Mist Coat of Potable Water	a. Pump Sprayer (low pressure)	Approximately 30-40 minutes following the 1st mist coat, repeat with another mist coat.	
5	Cure times for Filling of Pool	a. Monitor Rates of Evaporation	Temperature, relative humidity and wind velocity will determine when to fill. Refer to guide below.	

Temperatures (°F) - Do not apply @ <45°F	Cure Time	Relative Humidity (Baseline 55%)
45°F - 60°F	10 - 12 Hours	Consult PCA Rate of Evaporation Chart and Adjust Cure Time as Needed
60°F - 80°F	6 - 10 Hours	
80°F - 90°F	2 - 6 Hours	
>90°F (Do Not Apply if Substrate is >95°F)	2 - 3 Hours	

Note: Prior to starting the application of any Miracote Product or System be sure to read the most current Installation Guide(s), Product Data Sheets, SDS 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, and any applicable specifications. Review carefully for unknown site conditions or defects.

Exercise due caution when applying Nano-Glass to new troweled and pigmented unexposed plaster applications modified with chloride-based set accelerating admixtures. The application of Nano-Glass may lead to the purging of free chlorides, and the development of efflorescence (whitening) on the new plaster surface. Prior to the application of Nano-Glass, plaster must be water-cured for a period of 24 hours minimum. Water-curing is not required for new exposed quartz or pebble finish applications.

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.

