



Installation Guideline

MiraGard NanoGlass Existing Plaster Finish

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
Application Direct to Existing Plaster Finishes				
1	Preparation of Existing Plaster Finish Acid Wash and Neutralizing Note: Thoroughly rinse entire pool finish to remove neutralizing residues and debris	a. Drain Pool b. Remove scale, stains, calcium deposits, calcium nodules (as needed) c. Acid Wash d. Neutralizing (Sodium BiCarb) rinse. e. Power Wash	MiraGard NanoGlass must be applied to a clean and dry existing plaster finish free of surface debris, sand, or any contaminants.	N/A
2a	Apply MiraGard NanoGlass 1st Application Note: Apply the NanoGlass onto plaster evenly to refusal until a light wet sheen appears on the plaster surface. Avoid over-application and puddling. Immediately remove NanoGlass 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 NanoGlass Single component Note: Refer to the Product Technical Data Sheet (PTDS) for MiraGard NanoGlass prior to application of this material.	250 - 350 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 NanoGlass 2nd Application - Repeat as above Note: Once sheen from the 1st application has faded, re-apply NanoGlass in opposite direction.	Same as above	MiraGard NanoGlass Single component	Same as Above
3	Cure times for Filling of Pool	a. Monitor Rates of Evaporation	For best results and enhanced plaster quality, allow Nano-Glass to cure overnight before filling. Refer to guide below.	

Temperatures (°F) - Do not apply @ <45°F	Cure Time	Relative Humidity (Baseline 55%)
45°F - 60°F	6 - 10 Hours	Consult PCA Rate of Evaporation Chart and Adjust Cure Time as Needed
60°F - 80°F	2 - 4 Hours	
80°F - 95°F	1 Hour	
Do Not Apply if Substrate is >95°F		

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.

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.

