



## Installation Guideline

### MiraGard NanoGlass Unexposed Troweled or Quartz Finish Plaster

Step #	Installation Step	Installation Methods	Products & Mix Ratios	Theoretical Coverage Rates
<b>Application Direct to New Non-Exposed Plaster Finishes</b>				
1	<b>Preparation of Non-Exposed Plaster Finish</b>  <b>Note:</b> NanoGlass must be applied after final set, i.e. foot traffic does not cause any damage.	a. Install non-exposed troweled plaster finish per manufacturer's current instructions.	MiraGard NanoGlass must be applied to a clean and dry non-exposed troweled plaster finish free of surface debris, sand and/or other contaminants.	N/A
1a	<b>If using set accelerator in the plaster finish, Non Chloride Accelerator is recommended to eliminate the need to fill the pool vessel with water for a period of 24 hours or more. Exercise due caution when applying NanoGlass to troweled and pigmented non-exposed plaster applications modified with chloride-based set accelerating admixtures. The application of NanoGlass may lead to the purging of free chlorides, and the development of efflorescence (whitening) on the new plaster finish. Prior to the application of NanoGlass, plaster must be water-cured for a period of 24 hours minimum.</b>			
2a	<b>Apply MiraGard NanoGlass 1st Application</b>  <b>Note:</b> 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.	<b>MiraGard NanoGlass</b> Single component  <b>Note:</b> Refer to the Product Technical Data Sheet (PTDS) for MiraGard NanoGlass prior to application of this material.	250 - 300 SF/GAL  <b>*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.</b>
2b	<b>Apply MiraGard NanoGlass 2nd Application - Repeat as above</b>  <b>Note:</b> Once sheen from the 1st application has faded, re-apply NanoGlass in opposite direction.	<b>Same as above</b>	<b>MiraGard NanoGlass</b> Single component	<b>Same as Above</b>
3	<b>Cure times for Filling of Pool</b>	a. Monitor Rates of Evaporation	For best results and enhanced plaster quality, allow NanoGlass to cure overnight before filling. <b>Refer to guide below.</b>	

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

**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.

