MIRACOTE

Installation Guideline

MiraGard Nano-Glass
Cure and Seal for White Troweled or Unexposed Quartz 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:** Nano-Glass must be applied after final set, i.e. foot traffic does not cause any damage.	a. Install white troweled finish plaster per manufacturer's current instructions.	**MiraGard Nano-Glass** must be applied to a clean and sound white troweled finish plaster substrate free of surface debris, sand and/or other contaminents. For new plaster, apply Nano-Glass only after final set and plaster surface is thoroughly dry to the touch.	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	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	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.

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