

NanoGlass Admixture



Advanced Protection, Dispersed at the Nano Level

MiraGard NanoGlass Admixture is a clear, single component, water-based, fortified colloidal silicate that densifies new and existing pool and spa plaster finishes. Based on superior inorganic mineral technology, it will significantly extend the service life of pool plaster and minimize the potential for the most common problems associated with pools such as etching, dusting, discoloration, cracking, and calcium nodules.



Advantages:

- Converts $\text{Ca}(\text{OH})_2$ (soluble) into CSH (insoluble).
- Cures, seals, and densifies new plaster.
- Increases Compressive value of plaster.
- 80% reduction in plaster moisture absorption.
- Reduces plaster dusting >80%.
- Water thin micro-crystalline technology – penetrates fast.
- Faster and easier balanced start up.
- Balances chemistry between water and plaster.
- Reduces color loss & potential for etching & calcium nodules.
- Minimizes the potential for micro-cracking and dusting.



Where to use:

- New pool and spa plaster finishes.
- Marcite and polished plaster.
- Exposed white or colored quartz finishes.
- Exposed white or colored pebble finishes.
- Smooth troweled colored plaster.
- Smooth troweled colored quartz finish.
- Smooth troweled white plaster and unexposed quartz finish.



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Why it works:

By significantly reducing the calcium hydroxide and effectively filling the voids and capillaries with NanoGlass Admixture, the application significantly reduces chemical interactions between the plaster and pool water.

The interaction between pool plaster and pool water is ongoing. Ensuring a consistent pH and total alkalinity within a safe range is widely recognized as crucial for safeguarding not only your pool plaster but also various components of your swimming pool. Similarly, it's common knowledge that when water chemistry goes awry, your pool plaster may incur damage or exhibit undesirable behavior.

New Pool Finishes

It engages with and fortifies the fresh plaster, swiftly and enduringly diminishing the chemical reactions between the water and the cement material within the interior finish. The bothersome "dusting" commonly associated with new plaster finishes is nearly eradicated. Reduces check cracking by promoting even hydration and curing.

Maintenance

NanoGlass Admixture will streamline your pool maintenance, virtually eliminating pH fluctuations related to the plaster. Additionally, many pool contractors note a decrease in overall chemical usage.



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