



AquaTight Stain Resistant Additive





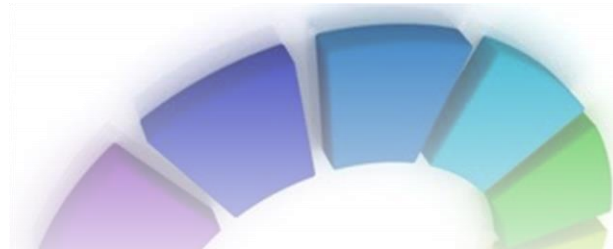
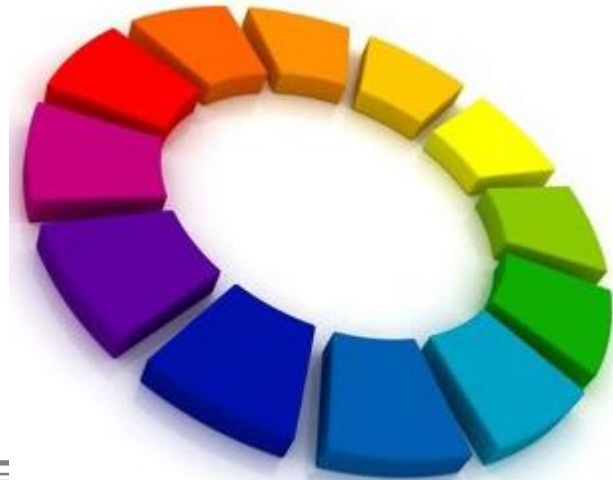
A Product of H2O Barrier Technologies



**The most advanced Stain Protection
Technology on Earth**

Backed by a 10 year Warranty

Stain Resistant Additive is used instead of tap water to guarantee grout color.



Stain Resistant Advantages

- Uniform color
- Easy water cleanup
- Resistant to food and dirt stains
- Decreases water absorption
- Odor free
- Increases grout strength
- Provides mold, mildew and fungus resistance
- Freeze-thaw stable





Installing AquaTight Stain Resistant Additive



- Installing grout mixed with AquaTight Stain Resistant additive is easy.
- You will need the following tools and supplies for a successful grout installation:

AquaTight Stain Resistant Additive
Your choice of any portland grout, either Sanded or Unsanded
2 buckets, one for mixing grout and the other for clean up
A set of sponges
Low or variable speed mixing drill
Mixing paddle or stirring stick or small drill
Margin Trowel
Shop towels for drying or wiping

One bottle of additive is needed per one 25 lb bag of grout.
48 ounces / 1.41L of this additive is needed for 10 lbs. of unsanded grout.



1. Surface Preparation



Before grouting or mixing materials, take a moment to inspect the surface area of the tiled floors, walls or ceilings.

All tiles should be secure and in place, especially in the corners. Remove any excess thin-set on tile surfaces and edges before grouting. For best results surfaces should be free of dirt and grease before grouting. Wipe all surfaces with damp sponge to remove any loose dust, dirt and debris.

Surface Temperature

- >40F – 4C
- <100F – 38C

The recommended minimum temperatures for any portland cement grout is + 40° degrees F and should not drop below 4° C for more than 24 to 36 hours. The recommended upper working temperatures are 100° F - 38 °C for Pro Color and 85°F - 29°C for AquaTight Plus.

2. Mixing

Mixing Sanded Grout

Before mixing, make sure you have all the necessary tools and clean water. Mixing sanded grout is easy. Simply pour the entire 72 oz. bottle of Stain Resistant Additive into bottom of a five gallon bucket. Add the entire bag of any brand portland cement grout into bucket slowly while stirring with a margin trowel. After the grout is thoroughly wetted, a machine mixer can then be employed to finish mixing. Mixing speed should be less than 300 rpm to avoid whipping air into the grout. Whipping air into grout will cause grout to weaken and high speeds should be avoided. Small amounts of tap water (1-2 oz.) may be added to achieve the desired consistency.

Mixing Unsanded Grout

Before mixing, make sure you have all the necessary tools and clean water. For unsanded grout you will need a measuring cup (available at any hardware store). Mixing unsanded grout is easy. Simply measure out and pour 48 oz. of Stain Resistant Additive into the bottom of a five gallon bucket. Add the 10 lb bag of AquaTight or AquaTight Plus grout into bucket slowly while stirring with a margin trowel. After the grout is thoroughly wetted, a machine mixer can then be employed to finish mixing. Mixing speed should be less than 300 rpm to avoid whipping air into the grout. Whipping air into grout will cause grout to weaken and high speeds should be avoided. Small amounts of tap water (1-2 oz.) may be added to achieve the desired consistency.



Slaking Sanded and Unsanded Grout

Slaking is recommended prior to installation or floating grout. A period of 10 minutes for sanded and 5 minutes for unsanded is required for proper wetting out.



Slake time for Unsanded Grout using AquaTight Stain Resistant Additive



Slake time for Sanded Grout using AquaTight Stain Resistant Additive



Slaking Sanded and Unsanded Grout

Allowing for proper slake times will ensure proper consistency and workability of the grout. Do not add any additional tap water or additive after slaking. When properly mixed, grout should have a creamy peanut butter-like consistency.

Installation

Installation of Sanded and Unsanded Grout

Using a rubber float or margin trowel scoop out sufficient grout to cover the immediate work area. Push grout along with the edge of the float and into the grout lines. The float should be held diagonal to the grout lines in order to avoid catching on the tile edges. When all grout lines have been filled, use the margin trowel to scoop up any excess grout and place in the bucket. Removing excess grout will make clean up easier. Once the grout has been installed be sure to clean up tools with clean water tap water.



Clean Up

Cleaning of Sanded and Unsanded Grout

The following supplies will be needed for clean up

1. Terry cloth or cotton towels
2. Two or more sponges
3. Two buckets of clean water
4. Mild clear dish detergent
5. Gloves (if desired)



Cleaning of Sanded and Unsanded Grout

Cleaning times vary depending upon temperature. A typical wait time is 30 minutes once you've finished grouting. Wait less time in warm weather, and longer in colder weather.



Cleaning of Sanded and Unsanded Grout

It is easy to test whether the grout is ready to clean. Simply place a finger a grout line. If any material comes up or sticks to your finger the grout is not ready for cleaning.



Cleaning of Sanded and Unsanded Grout

Dip sponge into a bucket of clean tap water. Wring out till no water drips from the sponge. Begin sponging in circular motions until grout and haze begin to mobilize. Turning sponge over and using all surfaces is recommended. Heavy build-up of grout on the sponge should be rinsed off in the water bucket. Once a tiled surface is free of heavy grout build-up the tile should be allowed to dry further before final clean up. If grout is removed during cleaning make repairs as needed. Throw away sponges if rinsing becomes difficult or if the sponge becomes clogged with grout. Avoid using sponges from prior jobs. Always use new clean-up sponges and towels.



Cleaning of Sanded and Unsanded Grout

Allow grout to set up for one hour prior to final cleaning
Change rinse water every 30 sq. ft. to 40 sq. ft. to avoid soiling cleaned surface area. Haze can be removed using mild clear dish detergent in clean tap water.

Haze may also be removed using a damp clean terry cloth or cotton towels
Remove haze by dragging the damp cloth flat over the surface.
A final rinse may be necessary if haze is present after 24 hours



Final Inspection



TIPS:

- Never use tap water to clean tiles after grouting. Water will hydrate soluble salts and cause efflorescence. These salts will sit on the portland cement grout surface after the water has evaporated and appear as white spots or white lines. For more knowledge on efflorescence please visit:

<http://www.lambertusa.com/resource/lit/Efflorescence.pdf>

- Using this additive as a after wash will increase the water beading affect and grant you even more protection. Our grout, stone and cement sealer is perfect for eliminating grout staining and sealing. Completely water based and no odor. Check out: http://h2obtech.com/aquatight_se.php to learn more.

Inspection of Sanded and Unsanded Grout

Avoid light traffic for 24 hours and heavy traffic for 72 hours
Project is complete once grout has been inspected and found free from defects such as missing grout.





AquaTight may be purchased directly or at a location near you. Click on the links below to learn more. For more information please call 678-302-0377

- [Where To Buy](#)
- [Buy Direct](#)