

### Revolutionary Urethane Grout Technology

Grout has always been the Achilles' heel of the tile industry. The architectural community has long been looking for a product that solves the three leading problems associated with grout: staining, cracking and discoloration. QuartzLock™ 2 Grout solves these problems by providing unmatched stain, chemical and crack resistance, while being guaranteed not to fade or discolor.

For years, architects have specified epoxy grout because it offers improved stain / chemical resistance and durability as compared to cement grouts. QuartzLock 2 Grout is a Urethane Grout and, by its nature, is more chemical / stain resistant than epoxy grout, with the added benefit of dramatically improved crack resistance (due to its inherent flexibility!), making it a perfect product for the high-performance applications that architects favor. Additionally, it is most green grout product available today. The following is a summary of the QuartzLock 2 Grout features and benefits that architects consider when specifying grout:

Features	Benefits
Commercially Rated	Approved for most commercial applications.
Self-sealing	Exceptional stain / chemical resistance. No sealing required – EVER!
Semi-flexible	Urethane flexibility and extremely low shrinkage provides the highest level of crack resistance.
No pigments (colored quartz provides color)	Guaranteed not to fade or discolor.
40 colors (solid and speckled)	Tremendous design possibilities; by not having pigments, two or more grout colors can be used adjacently on same installation.
UV-Stable	Perfect for outdoor applications – won't yellow or fade in the sun.
Comes ready-to-use / Easy clean-up	Cost-effective vs. epoxy and sealed cement grouts.
Non-sagging	Great for vertical applications.
Environmentally Friendly	Low VOC, BPA-free, no waste

### Limited Warranty

StarQuartz warrants that QuartzLock 2 Grout will be free from manufacturing defects and will not break down or deteriorate under normal usage for a period of two (2) years when installed in accordance with StarQuartz's written specifications and industry standard guidelines in commercial applications. See full warranty for further detail.

### QuartzLock 2 meets or exceeds ANSI 118.3 Standard

*Test Results Provided by the Tile Council of North America Laboratory*

Description	Typical Results
Water Cleanability	Pass
Initial Set	<2 hrs.
Service Strength	Pass
Vertical joint sag	Pass
Linear Shrinkage <sup>1</sup>	0.06%
Stain Resistance <sup>2</sup>	Pass
Compressive strength <sup>3</sup>	>3,500 psi
Chemical Resistance	Pass
Water absorption	<1%

<sup>1</sup> Heat-cured sample to compensate for air-dry vs. catalytic product.

<sup>2</sup> TCNA results compared to Laticrete's published data show that QuartzLock 2 exceeds Spectralock PRO™ for stain resistance.

<sup>3</sup> Test results were performed in an actual grout joint.

### Other Important Facts:

- Dry Time: 24 hours light foot traffic, 72 hours heavy foot traffic, 7 days for wet areas, like showers
- Joint Width: 1/16" or greater
- Cost: Similar to epoxy grout
- Availability: QuartzLock 2 Grout is available at better distributors throughout the U.S. and Canada

### Why are we greener?

1. Most specified grouts require mixing, which causes the release of airborne particulate that many states are beginning to regulate because of the potential health risk. QuartzLock 2 Grout is pre-mixed and ready to use, eliminating this health risk.
2. Epoxy grout contains bisphenol-A (BPA) that can produce severe allergies. Jobs can be slowed or not taken by good tile installers because epoxy is specified. QuartzLock2 Grout contains no BPA.
3. Most epoxy grouts produce VOC's that many states regulate. QuartzLock 2 Grout utilizes a water-based Urethane that produces nearly zero VOC's.
4. QuartzLock 2 Grout wash water is more environmentally friendly because it does not contain epoxy, cement, or pigments.
5. Urethane Technology's crack resistance and durability can lead to longer installation life cycles.
6. Because QuartzLock 2 Grout is re-usable it produces no waste.
7. QuartzLock 2 Grout buckets are made of recyclable Class 2 HPDE.