

# What is TECHNISTONE®?

Technistone® is made using a combination of 93% quartz, quartz silica, granite, or recycled mirror (in the Starlight series), combined with 7% resin, colors, and binders. This mixture is pressed into 52" x 120" sheets using a unique and proprietary vibration-vacuum compression process. The sheets are then heat treated, cooled, ground (calibrated), and polished to a high gloss shine. Each sheet is then individually inspected under bright lighting for any flaws or possible defects. Our quality control standards are your assurance that Technistone is the finest material available for your interior hard surface needs.

## Leading the Way

Technistone® is the world leader in quartz surface innovations with an international reputation for excellence and unparalleled quality. Technistone®'s colors are considered by many as the most beautiful in the industry. This isn't by chance. The colors shown here are the result of over 1000 colors developed and test marketed by Technistone®.

Technistone USA pioneered the integration of solid surface sinks with engineered-stone (as seen in the picture on the right). Traditionally, stainless steel or ceramic undermount sinks are used with engineered-stone and granite tops. This technique makes another option available for your countertop and/or vanity. Technistone® continues "leading the way" with unprecedented and unlimited possibilities in quartz surfacing.

## "Super Natural"

It isn't natural, it's "Super Natural". Technistone® combines the desirable qualities of both natural granite and solid surface. Like granite, Technistone® is scratch and heat resistant and has a durable high gloss shine. Like solid surface, Technistone is 99.9% solid and is unaffected by oils, wines, sodas, acids, and most common household cleaners. Zero porosity means no crevices or microscopic voids for unhealthy microorganisms such as salmonella or staph to grow and accumulate. Technistone® is color consistent and eliminates the problem of conflicting grains, veins, and "movement" inherent with natural granite. More importantly, Technistone® is stronger than granite. With over 4 times the flexural strength of granite, failure is unlikely. Technistone® is the next generation in stone and solid surface countertops, and the premier choice for discerning and sophisticated homeowners today.

## Comparison Table

	Technistone®	Solid Surfaces (Plastics)	Laminates	Granite	Ceramic Tile	Terrazzo
Scratch Resistant	Yes	No	No	Yes	Some	No
Stain Resistant	Yes	No	No	No	Yes	No
Mold & Mildew Resistant	Yes	No	No	No	Yes	No
Chip & Crack Resistant	Yes	Yes	No	No	No	No
Burn Resistant	Yes	No	No	Yes	Yes	Yes

### Warranty

### Technical Data and ASTM Test Results

Test	Results
Impact Strength - NTMA 2 lb. Ball dropped @ 8'	No Effect
Breaking Strength - ASTM C-648 measured in pounds breaking load	1,350 lbs.
Compressive Strength C-170 PSI	30,000 PSI
Flexural Strength C-880 PSI	7,800 PSI
Abrasive Hardness / Resistance ASTM C-501 index	212
Water Absorption ASTM C-97 % by weight	0.3% impervious
Chemical Resistance ASTM C 650 24 hour immersion in 10% Acid	No Effect

Characteristics	Technistone	Solid Surface	Granite
Heat Resistant	yes	no	yes
Scratch Resistant	yes	no	yes
Long Lasting High Gloss Shine	yes	no	yes
Stain Resistant	yes	yes	no
Consistency in Color	yes	yes	no
Chemical and Acid Resistant	yes	yes	no

