

# PHYSICAL PROPERTIES

## Physical Properties – I

### Comparison table

	Item	Standard Engineered Quartz Stone	Zenith Quartz Stone
1	Water Absorption	<0.2%	0.00%
2	Moh's hardness	≥ Class 5	Class 7
3	Abrasion resistance	≤300mm <sup>3</sup>	156mm <sup>3</sup>
4	Stain resistance	Sum of Stain Index: ≤ 64, Max depth of Stain: ≤0.12mm	Sum of Stain Index: 38 Max depth of Stain: 0.06mm
5	Chemical resistance	No obvious damage after test, slight damage should be erased by 600 mesh sandpaper, damage will not affect the performance of products and should be easily recovered	No obvious damage
6	Radionuclide (A class)	Internal Exposure Index I <sub>Ra</sub> ≤1.0	0.01
7		External Exposure Index I <sub>r</sub> ≤1.3	0.01
8	Density		2.44g/cm <sup>3</sup>

## Physical Properties - II

Zenith Quartz- 100% Peace of Mind

➤ Zenith Quartz is Pure Natural Quartz

➤ High Performance- Non Porous- Non Absorbent- Resistance to Stains and Scratches- Prevents forming of Mold & Mild Dew. Blocks Bacteria

➤ Maintenance Free-Never needs Polishing-Sealing-Reconditioning-Easy & Simple-Soap and Water is all that is needed to keep it clean

PROPERTIES	Zenith Quartz	Granite	Laminate	Solid-Surface
Scratch Resistance	✓	✓		
Stain Resistant	✓		✓	✓
Heat Resistant	✓	✓		
Crack Resistant	✓			✓
Non-Absorbent – Non-Porous	✓			✓
Resistant to Common Household	✓			✓
Mold & Mild Dew Resistant	✓			✓
Low Maintenance	✓			
Color Consistency	✓		✓	✓

