



Bolder Image STONE

Feature	Quartz (Engineered)	Granite (Natural)	Onyx (Natural)	Marble (Natural)	Quartzite (Natural)
Composition	~90-93% Quartz crystals, Resins, Pigments	Primarily Quartz, Feldspar, Mica	Chalcedony (Silica) or Calcite (Calcium Carbonate)	Primarily Calcite or Dolomite	Metamorphosed Quartz Sandstone (primarily Quartz)
Appearance	Consistent patterns, wide color range, engineered design	Unique, natural variations, grainy texture, wide color range	Banded layers, translucent, wide color range	Veining patterns, wide color range, classic look	Crystalline appearance, veining, wide color range
Porosity	Non-porous	Slightly porous (requires sealing)	Varies (more porous, especially Calcareous) (requires sealing)	Porous (requires sealing)	Low to moderate porosity (varies); (requires sealing)
Durability	High (scratch, stain, heat resistant)	High (scratch & heat resistant)	Moderate (prone to scratches, chips)	Moderate (prone to scratches, etching)	High (scratch, heat resistant) Quartzite is generally considered harder than granite
Translucency	Yes, some printed colors offer it	Not usually.	Yes (especially Calcareous)	Some (depending on type)	Some (depending on type)
Maintenance	Daily: Wipe spills immediately with mild soap and water. Regular: No regular sealing needed. Avoid: Harsh chemicals, excessive direct heat.	Daily: Wipe spills fast with mild soap and water. Regular: Seal periodically (water test). Avoid: Harsh chemicals.	Daily: Wipe gently with mild soap and water. Regular: Seal periodically. Avoid: Harsh chemicals, impact.	Daily: Wipe spills immediately with pH-neutral cleaner. Regular: Seal frequently. Avoid: Acidic substances, harsh chemicals.	Daily: Wipe spills promptly with mild soap and water. Regular: Seal recommended. Avoid: Harsh chemicals.
Applications	Countertops, flooring, high-traffic areas, Decorative walls	Countertops, flooring, outdoor use	Countertops, Decorative walls, backlighting, vanities	Countertops, flooring, decorative walls	Countertops, flooring, high-traffic areas
Color Consistency	High	Varies (natural variations)	Varies (natural variations)	Varies (natural variations)	Varies (natural variations)
Key Considerations	Engineered, not 100% natural stone	Requires sealing, natural variations	More delicate, requires careful handling	Soft, prone to etching, requires careful maintenance	Can vary in quality, some types can be more porous
Global Sourcing	Engineered, global manufacturing	Quarries worldwide	Quarries in various regions (Mexico, Brazil, etc.)	Quarries in Italy, Greece, etc.	Quarries worldwide
Heat resistant	Only affected by heat over 300F	Not affected by heat	Moderate (prone to damage from high heat)	Moderate (prone to thermal shock and damage from high heat)	Not affected by heat
Fabrication	May require slightly visible seams - various edge profiles available	May require visible seams - various edge profiles available	May require slightly visible seams - various edge profiles available	May require slightly visible seams - various edge profiles available	May require slightly visible seams - various edge profiles available
UV Resistance (For outdoor)	Resins can discolor with prolonged exposure to sunlight	Excellent	Poor	Poor	Excellent

Warranty for QUARTZ: 25 years from the date of installation for residential and 15 years from the date of installation for commercial. Contact us for more information