



GFO STONE INTERNATIONAL LLC

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Quartz Technical Specification

Engineered quartz surfacing

Product Identification

Field	Product information
Product name	Super White Quartz
SKU	GQ1100
Color and finish	White
Nominal slab size	126" x 63"
Nominal thickness	3cm, 2cm
Finishes	Polished, Honed
Country of Origin	Vietnam

Material Description

Factory-manufactured quartz surfacing for approved interior countertops, vanities, backsplashes, and wall applications.

Appearance, veining, finish, dimensions, and available thicknesses depend on the selected product and production lot.

Reported Technical Properties

Property	Reported value	Test method
Water absorption	<0.05%	EN 14617-1
Apparent density	2.0–2.5 g/cm ³	EN 14617-1
Flexural strength	>35 MPa	EN 14617-2
Impact resistance	>3.4 J at 20 mm	EN 14617-9
Mohs scratch hardness	7	EN 101 / ASTM C1895
Chemical resistance	Class C4	EN 14617-10
Linear thermal expansion	19.7 × 10 ⁻⁶ /°C	EN 14617-11
Thermal shock result	>94%	EN 14617-6
Freeze and thaw result	>90%	EN 14617-5

Technical values above are reference results for an applicable material family. They apply to a selected product only when its SKU and lot are covered by supporting test documentation. This sheet alone is not a product-specific test certification. These results do not establish approval for exterior use or direct contact with hot cookware.

Fabrication and Use

The fabricator must inspect each slab before cutting, confirm actual dimensions and thickness, and design cutouts, support, seams, and movement clearances for the installation. Use trivets and cutting boards. Clean with mild soap, warm water, and a soft cloth; avoid abrasive pads and harsh chemicals.

Safety

Cutting, grinding, drilling, and polishing can generate respirable crystalline silica. Fabricators and installers must use appropriate exposure controls and follow applicable OSHA requirements; for more information: gfostone.com/safety

GFO Stone supplies slabs and does not fabricate or install them.

Care

Clean with warm water and a soft cloth or a non-abrasive cleaner. Avoid abrasive materials, harsh chemicals, and inappropriate cleaning products. Use appropriate cutting boards, trivets, and protective measures. GFO Stone provides this information as general care guidance only and does not warrant against damage resulting from improper care, misuse, installation, fabrication, or maintenance. Always follow the manufacturer's recommended care instructions for the specific product.