

EGY QUARTZ (Quartz Production Complex).

Quartz Slab Technical Data Sheet

Product Name: Quartz Slab.

Manufacturer: EGY Quartz.

Product Composition: 10% Resin, 90% Quartz.

Surface finish: Polished, Honed.

Product Dimensions:

Width	Height	Thickness
327 cm (10.73 ft)	161 cm (5.28 ft)	2cm – 3 cm

Quartz Slab Characteristics:

Test	Standard	Quartz Grains Used max diameter (1.2 mm)
Apparent Density	EN 14617-1	~ 2.3
Water absorption (% by weight)	EN 14617-1	0.013
Flexural Strength (N/mm ²)	EN 14617-2	61.5 - 82.5
Compressive strength (N/mm ²)	EN 14617-15	210 - 223
Impact test (Joule)	EN 14617-9	5.8 – 9
Resistance to deep abrasion (mm ³)	EN 14617-4	190-223
Thermal Shock Flexural Resistance (ΔR %) Loss in weight (Δm %)	EN 14617-6	0.0 0.0
Freeze-thaw resistance (KM _{r25})	EN 14617-5	0.99
Chemical resistance	EN 14617-10	C4
Reaction to fire classes for building products excluding products of flooring and insulation of piping	EN 13501-1:2007- TAB 1	Class A2-s1, d0
Classes of reaction to fire for floorings	EN 13501-1:2007- TAB 2	Class A2fl-s1
Linear thermal expansion	EN 14617-11	18.5 x10 ⁶
Determination of thermal resistance by means of guarded hot plate and heat flow meter methods (W/ m K)	EN 12664	1.3

- Our Quartz Slabs are highly resistant to scratches (4-5) on Mohs scale.
- Quartz Slabs are known to provide an anti-contamination environment.