

# Specifications

Quartz slab technical specification

Slab size - 324 cm x 162 cm & 324 cm x 145 cm | Thickness - 1.5 cm, 2.0 cm, 3.0 cm

Property	Results	Method
Water Absorption	<0.05%	ASTM C97-09
MOH's Hardness	6.5-7	moh's hardness scale
Thermal Shock	No Damage Passed 5 cycles	ASTM C484
Compressive Strength	24000 psi	ASTM C170
Flexural Strength	8500-9000 psi	ASTM C880
Moisture Absorption	negligible	ASTM C97
Abrasion Resistance	89-190 mm <sup>3</sup>	ASTM C1253
Density	2.4 g/cm <sup>3</sup>	ASTM C373
Cigarette test	unaffected	ANSI Z124.6
Stain Resistance	unaffected	ANSI Z124.6
Bond Strength	205 ppsi	ASTM C482
Wear Resistance	unaffected	ANSI Z124.6
Thermal Expansion	1.2 x10 <sup>-5</sup> inch/f	ASTM C531
Chemical Resistance	unaffected	ASTM C650
De-icing Resistance	unaffected	ASTM C672
Freeze-thaw resistance	No Damage Passed 15 cycles	ASTM C1026
Surface Burning Characteristics	17 (class A/1 rating)	ASTM E84

# Care & Maintenance

Like all fine materials, [Baba Quartz](#) responds best when handled with due care and attention. Remember, it is always easier to wipe up a spill than it is to handle a dried-on stain. Just wipe away any spilled food before it turns into a permanent stain.

Remember that detergents containing bleach and hard scouring granules may harm surfaces over time. Therefore, pay due attention in your detergent selection by never using cleaning products that contain soft or hard scouring granules such as Vim Scouring Powder or Cif Cream.

Products with pH close to neutral or with reduced pH effect (general cleaning products which may be commercially available on shelves) may be used at all times. However, prolonged contact with decalcifiers and products containing decalcifying agents as well as oil solvents and products containing oil solvents must be avoided.

Gently scrape away a plastic spatula any spills of paint, nail enamel, chewing gum, mustard and grease that become hard to remove when dried. Then cleanse the surface with water.

Quartz, being one of the hardest minerals on earth, offers [Baba Quartz](#) an unparalleled strength and durability that prevent easy scratching and damage. Still, as with any surface, [Baba Quartz](#) can be permanently damaged by exposure to strong forces that undermine its physical properties. In order for your countertop to maintain its good looks for many years, always use a bread/chopping board and a table mat (trivet).