

# COMPOSITE QUARTZ



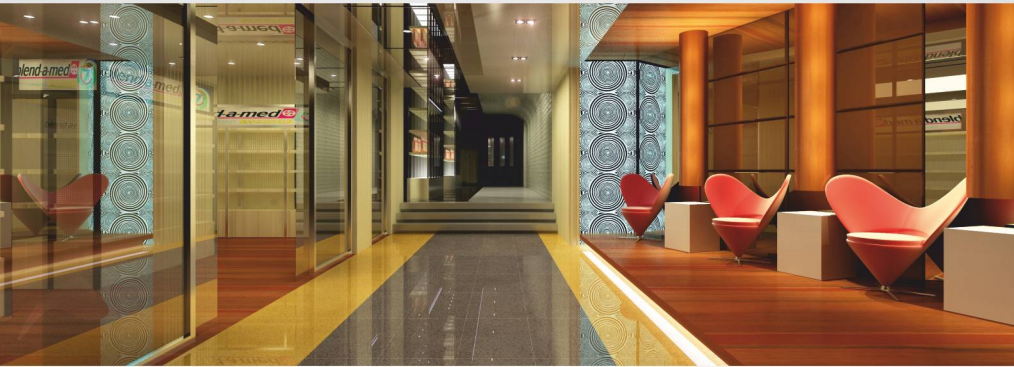
**TECHNOSTONE**  
Quality | Style | Durability

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## A SUPERIOR ALTERNATIVE TO GRANITE AND CORIAN®

Composite Quartz, also known as Engineered Quartz, has bridged the gap between nature and technology, with surfaces that are virtually maintenance free.

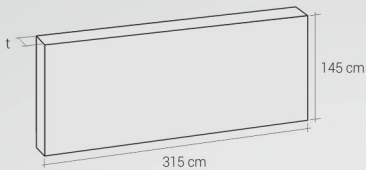
Made using a state-of-the-art production technique that mixes exceptionally high quantities of natural quartz with a specialised bonding agent, Composite Quartz is a superior material that is super-hard, low-maintenance with a natural stone look and available in a dazzling array of colours.



## COMPOSITE QUARTZ Vs. OTHER COMPETING MATERIALS

FEATURE	COMPOSITE QUARTZ	GRANITE	LAMINATE	SOLID SURFACES	NATURAL MARBLE
Porosity	Lowest	Low	Low	Lowest	Low
Colour Consistency	High	Lowest	Low	Low	Lowest
Scratch Resistance	High	High	Low	Lowest	Low
Stain Resistance	High	Low	High	High	Low

# TECHNICAL SPECIFICATIONS



thickness (t) options - 1.2 cm, 2.0 cm

## (i). SLAB SIZES

Density - ASTM C 97 (Kg/dm <sup>3</sup> )	2.35 - 2.45
Water Absorption - EN 99 [%] (% Mass)	0.10 - 0.20
Flexural Strength - EN 100 (Mpa)	40.0 - 60.0
Compressive Strength - ASTM C 170 (Mpa)	150 - 240
Surface Hardness - EN 101 (Mohs)	6 - 7
Resistance to Deep Abrasion - EN 102 (mm <sup>3</sup> ) V-H	98 - 160
Glossiness Reflection (%)	55 - 70

## (ii). SPECIFICATIONS



## APPLICATIONS

The most popular uses include:

- Kitchen counter tops
- Wall cladding
- High traffic flooring

## CARE AND MAINTENANCE

Due to its inherent stain and scratch resistant properties, maintenance and care required is at the minimum. Routine cleaning with a soft sponge or cloth or non-abrasive aerosol foam cleaner is all that is normally needed to give many years of trouble-free service. Harsh abrasive cleaners are neither required nor recommended.