

TrendStone Quartz Surfaces Technical Information

TrendStone Quartz is a low maintenance high quality solid surface product. TrendStone Quartz is suitable for a variety of interior commercial and domestic applications. TrendStone Quartz is not recommended for exterior applications as direct sunlight for extended periods of time can result in warping and colour changes.

Product Specifications

Slab Thickness: 20mm ± 0.08mm
 Slab Size: 3200 x 1600 = 5.12m²
 Slab Overall Size: 3220 x 1620

Technical Characteristics

Test Performed	ASTM	Results	DIN	Results
Flexural Strength	C-880	7,430 psi	52112	518 kg/cm ²
Absorption	C-97	0.05%	52103	0.05%
MOHS Hardness	Scratch Test	6.0-7.0		
Stain/Acid Resistance	D-2299	Not Affected		
Resistance to Wear	C-501 (1000gr load, 1000 cycles @ 70 rpm)	Avg. 36.01 gr		
Surface Burning	E-84	Flame spread index 10.05 Smoke density 185		
Thermal Shock	C-484	Passes 5 cycles 75°F - 295 °F		
Weathering Resistance	C-217	Not Affected		
Compressive Strength	C-170	Dry Avg. 10,440 psi Wet Avg. 11,190	52105	2198 kg/cm ²
Freeze/Thaw	SLP (with C-62 as guide)	Passed 25 cycles (-45°C to 23°C) No visible damage or discolouration was noticed	52104	After 25 icethaw exchanges 2082 kg/cm ²
Impact Strength	D-256	Avg 0.370ft. lbs/inch or notch	D.M. 2234	135 cm
Linear Coefficient of Thermal Expansion	C-531	1.31 x 10 inch per °F		
Density				