

<b>PRIMARY SERIES TECHNICAL CHARACTERISTICS</b>		
<b>COMPOSITION</b>	95% QUARTZ AND 5% MIXTURE OF CATALYST, RESIN SILANE AND PIGMENTS	
<b>STANDARD SIZES</b>	<b>FLOOR AND WALL TILES</b> 300x300x10mm (12"x12"x 3/8" nominal) 400x400x12mm (16"x16"x1/2" nominal) 600x600x12mm (24"x24"x1/2" nominal) Bevelled edges <b>SLABS</b> 305x140x2cm (120" x 55"x 3/4" nominal) 305x140x3cm (120" x 55"x 1-1/4" nominal)	
<b>FINISHES</b>	Polished, Honed	
<b>WATER ABSORPTION</b>	.02 - .07%	ASTM C97
<b>FLEXURAL STRENGTH</b>	40-70N/mm <sup>2</sup> (6097 psi)	ASTM C880
<b>ABRASION RESISTANCE</b>	> 71	ASTM C241
<b>COMPRESIVE STRENGTH</b>	28000 PSI	
<b>BREAKING STRENGTH</b>	2793 LB	ASTM C648
<b>THERMAL EXPANSION</b>	2.1 X 10 <sup>-6</sup> mm / m -1 <sup>o</sup> C	EN 103
<b>HARDNESS</b>	7 MOHS	
<b>RESISTANCE TO FREEZE AND THAW</b>	When subjected to freeze and thaw cycling test, slabs do not either lose their technical characteristics nor show any visible defects  ASTM C1026	
<b>COEFFICIENT OF FRICTION</b>	DRY .8	ASTM C1028
<b>FIRE RESISTANCE</b>	CLASS A	ASTM E-84
<b>STAIN RESISTANCE</b>	No defects visible on surface when exposed for 24 hours to acids with pH >3 or alkaline < pH 11. SUITABLE FOR KITCHENS	
<b>SPECIFIC GRAVITY</b>	2.45	ASTM C97

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