

<b>DIAMASTONE</b> <b>DESERT SERIES - SLABS</b> <b>TECHNICAL CHARACTERISTICS</b>		
<b>COMPOSITION</b>	95% QUARTZ AND 5% MIXTURE OF CATALYST, RESIN SILANE AND PIGMENTS	
<b>STANDARD SIZES</b>	<b>SLABS</b> 305x140x2cm (120"x55"x3/4" nominal) 305x140x3cm (120"x55"x1 1/4" nominal) Tiles – minimums apply	
<b>FINISHES</b>	Polished, Honed	
<b>WATER ABSORPTION</b>	0.021%	ASTM C97
<b>FLEXURAL STRENGTH</b>	68.8 N/mm <sup>2</sup>	ASTM C880
<b>COMPRESIVE STRENGTH</b>	227.1 N/mm <sup>2</sup> (20000 PSI)	ASTM C170
<b>RESISTANCE TO CHEMICALS (ACIDS)</b>	NOT AFFECTED	
<b>THERMAL EXPANSION</b>	10-30x10 <sup>-6</sup> m/mc	EN 103
<b>SURFACE SCRATCH 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>DIMENSIONAL STABILITY</b>	CLASS A	
<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>DENSITY</b>	2.42 kg/dm <sup>3</sup>	ASTM C97

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