

<b>PROPERTIES</b>	<b>SO STANDARD 13006 B1A TILES</b>	<b>OUR VALUE</b>
Length and Width	± 0.6%	± 0.3%
Thickness	± 5.0%	± 3.0%
Straightness of sides	± 0.5%	± 0.3%
Rectangularity	± 0.6%	± 0.3%
Surface flatness	± 0.5%	± 0.3%
Water absorption	≤ 0.5%	≤ 0.05%
Breaking strength	≥ 1300N	≥ 1500N
Modulus of rupture	≥ 35 N/mm <sup>2</sup>	≥ 45 N/mm <sup>2</sup>
Resistance to deep abrasion	≤ 175mm <sup>3</sup>	≤ 150mm <sup>3</sup>
Linear thermal expansion	≤ 9 x 10 <sup>-6</sup> °C <sup>-1</sup>	≤ 7 x 10 <sup>-6</sup> °C <sup>-1</sup>
Thermal shock resistance	No visible defect	No visible defect
Frost resistance	Frost proof	Frost proof
Resistance to chemicals	No visible effect	No visible effect
Resistance to stains	Manufacturer to state class	Stains removed Min. Class 3
Colour resistance	No damage	No damage
Colour resistance to UV Light	No change in color	No change in color
Scratch hardness (MOH's Scale)	≥ 6 MOHS	≥ 7 MOHS
Surface quality	Min. 95%	No visible defect
Surface quality	> 0.4	> 0.4
Moisture Expansion	Nil	Nil