

# Technical Information



# Performance of Betta Stone under independent laboratory testing

Impact Test (cm)		
Evidence of cracking	< 0.01	4kg/100cm/sq
Evidence of crazing	< 0.01	4kg/100cm/sq
Porosity - Excellent		
Beetroot Juice	< 0.01	24 hours
Red Wine	< 0.01	24 hours
Citrus Juice	< 0.01	24 hours
Water	< 0.01	24 hours
Scratch		
	< 0.002	1.5kg/100cm/sq
UV Protection (ISO 105-B02-1994 MOD)		
	6-7 out of 7	Atlas Ci4000 Weathermeter at 63°C 30% relative humidity at 420nm
Scrub Abrasion		
	< 0.002	3000 cycles/140mm
Heat Resistance		
	No physical damage	Metal pot heated to 200°C with cooking oil
Flammability Test		
		AS/NZS 1530.3-1999. Face tested
Ignitability Index	8 Range 0-20	Part 3: Simultaneous Determination
Spread of Flame Index	3 Range 0-10	of Ignitability, Flame propagation
Heat Evolved Index	3 Range 0-10	Heat releasee
Smoke Developed Index	7 Range 0-10	Smoke
Slab Size		
<p>Betta Stone bench top dimensions are from 2,000 mm to 3,000 mm x 1,500 mm.                      Betta Stone splashback dimensions are 2000 mm x 1500 mm x 8-10 mm.                      The 1500 mm width purposely developed to give greater flexibility in design.</p> <p>Patterns will vary depending on each slab, which is a unique characteristic of recycled glass bench tops as each piece is handcrafted individually. It is advised that potential users of Betta Stone to view whole slab where possible. The composition of recycled glass particles used in the products may sometimes produce minor irregularities such as crazing in the grains, blotches, spots, coloured particles.</p> <p>Betta Stone Pty Ltd is the manufacturer of Betta Stone products and the Installation and Fabrication is carried out by Independent Fabricators.</p>		
Slab Weight		
20 mm	180-190 kg	40-42 kg/m <sup>2</sup>
8-10mm	90-100 kg	28-31 kg/m <sup>2</sup>