



Product Specification		Version: Apr-21
Collection :	Elegante Timber Porcelain	
Size (mm) -	1200 x 400mm	Thickness (mm) - 20mm

Compliant with standard BS EN 14411:2016 Annex G Group Bla - UGL

Domestic use only; hardstanding for pedestrian pavements including home patios, pathways and internal floor coverings. They are not designed for vehicular trafficking or overrun. (Please see [www.brett paving.co.uk](http://www.brett paving.co.uk) for further guidance)

Technical Features	Testing Method	Meas. Unit	Average Typical Values	Permitted Tolerances
<b>DIMENSIONAL PROPERTIES AND SURFACE QUALITY</b>				
Nominal Dimensions	ISO 10545-2	N (mm)	1200 x 400	Nominal Length of edge $N \geq 150\text{mm}$
Work Size (W)		N% (mm)	1195 x 395	$\pm 2\%$ (max 5mm)
Work Size deviation		W% (mm)	Compliant	$\pm 0.6\%$ (max $\pm 2\text{mm}$ )
Thickness		(mm)	20	$\pm 5\%$ (max $\pm 0.5\text{mm}$ )
Straightness of sides		W% (mm)	Compliant	$\pm 0.5\%$ (max $\pm 1.5\text{mm}$ )
Rectangularity		W% (mm)	Compliant	$\pm 0.5\%$ (max $\pm 2\text{mm}$ )
Surface Flatness - c.c / e.c / w*		W% (mm)	Compliant	$\pm 0.5\%$ (max $\pm 2\text{mm}$ )
Surface Quality		%	Compliant	$\geq 95\%$
<b>PHYSICAL PROPERTIES</b>				
Water absorption	ISO 10545-3	%	$\leq 0.5$	$E_b \leq 0.5$ (Individual maximum value 0.6%)
Modulus of rupture	ISO 10545-4	N/mm <sup>2</sup>	$\geq 45$	$R \geq 35$ (Individual minimum value 32 N/mm <sup>2</sup> )
Breaking strength	ISO 10545-4	N	$\geq 11000$	$\geq 1300$ (Thickness $\geq 7.5\text{mm}$ )
Resistance to deep abrasion	ISO 10545-6	mm <sup>3</sup>	120 - 150	$\leq 175\text{mm}^3$
Resistance to surface abrasion	Internal Method		Intended use - Class H	
Linear thermal expansion coefficient	ISO 10545-8	$\times(10)^{-6}/^{\circ}\text{C}$	$\leq 9$	Declared value (BS EN 14411:2016) Testing method available (ISO 13006:2018)
Thermal shock resistance	ISO 10545-9		Compliant	Declared value (BS EN 14411:2016) **** Testing method available (ISO 13006:2018)
Frost resistance	ISO 10545-12		Compliant	Pass according to BS EN 10545-1 (EN 14411:2016) Required (ISO 13006:2018)
Slip Resistance (Pendulum)	BS 7976-2:2002		$> 36$ Slip Potential-LOW	0-24 - High / 25-35 Moderate / 36+ Low
Slip Resistance (Ramp Method)	DIN 51130		R11	From R9 to R13
Reaction to fire	-		Class A1 FL / A1	Class A1 or A1 FL
<b>CHEMICAL PROPERTIES</b>				
Stain Resistance	ISO 10545-14		Class 5	Declared value (BS EN 14411:2016) Testing method available (ISO 13006:2018)
Resistance to chemicals for household use and swimming pool salts	ISO 10545-13		A	UB Minimum (EN 14411:2016) UB Minimum (ISO 13006:2018)
Resistance to low concentrations of acids and alkalis	ISO 10545-13		LA - LB	Declared value (BS EN 14411:2016) Testing method available (ISO 13006:2018)
Resistance to high concentrations of acids and alkalis	ISO 10545-13		HA - HB	Declared value (BS EN 14411:2016) Testing method available (ISO 13006:2018)
<b>Pack Information</b>				
Size	No. Per Pack	No. Per m <sup>2</sup>	m <sup>2</sup> Per Pack	Pack Weight kg
1200 x 400 x 20mm	48	2.05	23.43	1057

\* c.c = centre curvature, related to diagonal calculated from the work sizes  
e.c = edge curvature, related to the corresponding work sizes  
w = warpage, related to diagonal calculated from the work sizes