

	Product Specification			Version: Apr-21
	Collection :	Eden Sandstone Porcelain		
	Size (mm) - Single Size	1200 x 600mm	Thickness (mm) - 20mm	
	Size (mm) - Patio Pack	600 x 600mm 600 x 300mm 300 x 300mm	Thickness (mm) - 20mm	

Compliant with standard BS EN 14411:2016 Annex G group Bla - GL

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 for further guidance)

Technical Features	Testing Method	Meas. Unit	Average Typical Values	Permitted Tolerances
DIMENSIONAL PROPERTIES AND SURFACE QUALITY				
Nominal Dimensions	ISO 10545-2	N (mm)	1200 x 600 600 x 600 600 x 300 300 x 300	Nominal Length of edge $N \geq 150\text{mm}$
Work Size (W)		N% (mm)	1195 x 595 595 x 595 595 x 295 295 x 295	$\pm 2\%$ (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	$\geq 95\%$
PHYSICAL PROPERTIES				
Water absorption	ISO 10545-3	%	≤ 0.5	$E_b \leq 0.5$ (Individual maximum value 0.6%)
Modulus of rupture	ISO 10545-4	N/mm ²	≥ 35	$R \geq 35$ (Individual minimum value 32 N/mm ²)
Breaking strength	ISO 10545-4	N	≥ 10000	≥ 1300 (Thickness $\geq 7.5\text{mm}$)
Resistance to deep abrasion	ISO 10545-6	mm ³	≤ 175	$\leq 175\text{mm}^3$
Resistance to surface abrasion	Internal Method		Intended use - Class H	
Linear thermal expansion coefficient	ISO 10545-8	$\times(10)^{-6}/^{\circ}\text{C}$	< 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
CHEMICAL PROPERTIES				
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)
Pack Information				
Size	No. Per Pack	No. Per m ²	m ² Per Pack	Pack Weight kg
1200 x 600 x 20mm	36	1.37	26.24	1260
600 x 600 x 20mm	24	N/A		
600 x 300 x 20mm	24	N/A	15.44	712
300 x 300 x 20mm	24	N/A		

* 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