

TECHNICAL DATA SHEET

CERAMIC TILES

Jura Stone Floor Tiles

Test Description	Testing Body	Surface	Rating		
Wet Pendulum	Factory	Grit (500x500)	P5		
	Standard requirements	Specifications	Specifications		
Nominal Size		300x300mm	500x500mm		
Work Size		299x299x7.2mm	500x500x9.0mm		
Dimensions and Surface Quality					
Dimensions: Length (L) & width (W) The deviation (%) of the average size for each tile from work size	+/- 0.75 % (Surface < 410cm2) +/- 0.60 % (Surface > 410cm2)	299.00 mm +/- 0.60 %	500.00 mm +/- 0.60 %		
The deviation (%) of the average size for each tile from the average size of 10 test specimen	+/- 0.50 %	+/- 0.50 %	+/- 0.50 %		
Thickness	+/- 5 %	7.2 mm +/- 5 %	9.0 mm +/- 5 %		
Straightness of sides	+/- 0.50 %	+/- 0.50 %	+/- 0.50 %		
Rectangularity	+/- 0.60 %	+/- 0.60 %	+/- 0.60 %		
Surface Flatness:					
a) Centre curvature	+/- 0.50 %	+/- 0.50 %	+/- 0.50 %		
b) Edge curvature	+/- 0.50 %	+/- 0.50 %	+/- 0.50 %		
c) Warpage	+/- 0.50 %	+/- 0.50 %	+/- 0.50 %		
Surface quality	Minimum 95 %	Minimum 95 %	Minimum 95 %		
Physical Properties					
Water absorption	3 % < E ≤ 6 %	3 - 6 %	3 - 6 %		
Breaking strength, in N					
a) Thickness >= 7.5	>= 1000	> 1000	> 1000		
b) Thickness < 7.5mm	>= 600	> 600	> 600		
Modulus of rupture	Minimum 18 N/mm2	Minimum 22 N/mm2	Minimum 22 N/mm2		
Crazing Test					
Crazing Test	No Craze	No Craze	No Craze		
Abrasion resistance					
Abrasion resistance	Class 1 - 4	Class 1 - 4	Class 1 - 4		
Chemical Properties					
Chemical resistance					
a) Household chemicals	Minimum GB	Minimum GB	Minimum GB		
b) Swimming pool salt	Minimum GB	Minimum GB	Minimum GB		
c) Acid and alkali	Manufacturer to state classification	Light/Dark Colour	Light/Dark Colour		
		Class GLA	Class GLA		
		Class GLB	Class GLB		
		Class GLC	Class GLC		
Staining resistance	Minimum Class 3	Minimum Class 3	Minimum Class 3		
MS ISO 13006: 2003, GROUP BIIa 3 % < E <= 6 %					

The above Johnson Tiles technical specifications are a general indication only. Please contact your local Johnson Tiles representative or state office for more detailed information.