

Sonic Porcelain Floor Tiles

Dimensions and Surface Quality	Specifications
Working size (mm)	300x800x9.0mm
Caliber X dimensions X/M (mm)	298.5 ± 0.3
	800.0 ± 0.3
Thickness (mm)	8.8 ± 0.4
Measurement of Diagonal (mm)	≤ 1.0
Straightness of Sides (mm)	-0.3 ~ + 0.3
Measurement of Wedging (mm)	≤ 0.4
Centre Curvature (mm)	-0.6 ~ + 0.9
Edge Curvature (mm)	300 side 0.4 ~ + 0.4
	800 side 0.5 ~ + 0.7
Warpage (mm)	-0.5 ~ + 0.5
Surface Quality (%)	≥ 95% no defect noticeable from the sight of 0.8m
Water Absorption (%)	≤ 0.5
Modulus of Rupture (Mpa)	≥ 35
Breaking Strength (N)	Average ≥ 1300
Abrasion Resistance	Class 4 - light colour, Class 3 - dark colour
Crazing Resistance	No cracks found with 5 cycle test
Resistance to Chemicals:	
HCL	≥ GLB
KOH	≥ GLB
Household Chemicals	≥ GB
Swimming Pool Salts	≥ GB
Resistance to Staining:	
Blue ink	≥ Class 3
Potassium permanganate	≥ Class 3
Coefficient of friction:	
Dry	≥ 0.5
Wet	≥ 0.5

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.