

Cape Porcelain Floor Tiles

Dimensions and Surface Quality	Specifications	Specifications (Flow)
Working size (mm)	300x800x9.0mm	300x800x9.5mm
Caliber X dimensions X/M (mm)	298.5 ± 0.3	298.5 ± 0.3
	800.0 ± 0.3	800.0 ± 0.3
Thickness (mm)	8.8 ± 0.4	9.5 ± 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	300 side 0.4 ~ + 0.4
	800 side 0.5 ~ + 0.7	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	≥ GLB
KOH	≥ GLB	≥ GLB
Household Chemicals	≥ GB	≥ GB
Swimming Pool Salts	≥ GB	≥ GB
Resistance to Staining:		
Blue ink	≥ Class 3	≥ Class 3
Potassium permanganate	≥ Class 3	≥ Class 3
Coefficient of friction:		
Dry	≥ 0.5	≥ 0.5
Wet	≥ 0.5	≥ 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.