

TECHNICAL DATA SHEET

GLAZED PORCELAIN TILES

Chicago Floor Tiles

ISO 13006: 2018 Ceramic Tiles - Definitions, classifications, characteristics and marking

Dimensions and Surface Quality	Test Method	Requirements	Test Result			Verdict
Work Size			300x600x9.5mm (Matt)	600x600x9.5mm (Matt)	600x600x20mm (Grit)	
Physical Properties						
Water Absorption	ISO 10545-3	E ≤ 0.5%	0.06%	0.06%	0.05%	Pass
		Individual Maximum 0.6%	0.05% ~ 0.07%	0.05% ~ 0.07%	0.04% ~ 0.06%	
Breaking Strength, in N	ISO 10545-4	≥ 1300	2614	2614	11987	Pass
Modulus of Rupture (Mpa), in N/mm²	ISO 10545-4	Minimum ≥ 35	52.5	52.5	N/A	Pass
		Individual Minimum 32	50.1 ~ 54.1	50.1 ~ 54.1	N/A	Pass
Chemical Properties						
Resistance to staining	ISO 10545-14	Minimum Class 3	Class 5	Class 5	Class 5	Pass
a) Green staining agent in light oil						
b) Red staining agent in light oil						
c) Iodine, 13g/L solution in alcohol						
d) Olive Oil						
Slider 96 Slip Resistance, Wet Pendulum Test Method (Factory Test)	AS 4586-2013 / Amdt 1-2017 Appendix A		SRV:36 Class P3	SRV:36 Class P3	SRV: 61 Class P5	-
Ramp test (Factory Test)	DIN 51130: 2014		Corrected mean overall acceptance angle: 10.2° Classification: R10	Corrected mean overall acceptance angle: 10.2° Classification: R10	Corrected mean overall acceptance angle: 30.9° Classification: R12	-

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.