

TECHNICAL DATA SHEET

GLAZED PORCELAIN TILES



Gallery Floor Tiles - 300x600x8.5mm

	Industry Standard	Internal Requirement	Test Result
Dimension and Surface Quality			
Dimension: Length & Width	MS ISO 10545-2	± 0.6%	± 0.15%
Thickness	MS ISO 10545-2	± 5.0%	± 5.0%
Edge Straightness	MS ISO 10545-2	± 0.5%	± 0.15%
Rectangularity	MS ISO 10545-2	± 0.6%	± 0.15%
Planarity (Flatness)	MS ISO 10545-2	± 0.5%	± 0.3%
Surface Quality	MS ISO 10545-2	Minimum 95%	Conforms
Physical Properties			
Water Absorption	MS ISO 10545-3	$E \leq 0.5\%$	$E \leq 0.5\%$
Breaking Strength, in N	MS ISO 10545-4	≥ 1300 N	≥ 1500 N
Modulus of Rupture (Mpa)	MS ISO 10545-4	≥ 35 N/mm ²	≥ 35 N/mm ²
Thermal Shock Resistance	MS ISO 10545-9	No visible defects	N/A
Crazing Resistance	MS ISO 10545-11	No visible defects	Conforms
Frost Resistance	MS ISO 10545-12	No Alteration to surface	N/A
Slip Resistance Wet Pendulum Test (Factory test)	AS 4586	Declare Value	P3
Abrasion Resistance - Resistance to surface abrasion of glazed tiles intended for use on floor	MS ISO 10545-7	Report abrasion class and cycle passed	Class 4
Chemical Properties			
Resistance to staining:	MS ISO 10545-14	No permanent staining	Class 5
Resistance to concentrations of acids and alkalis:	MS ISO 10545-13	GA	GLA

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.