

TECHNICAL DATA SHEET

GLAZED CERAMIC TILES

Pavement Floor Tiles - Matt - 300x600

MS ISO 13006: 2014, GROUP BIIa 3 < E ≤ 6%

	Standard Requirements	Internal Requirement	Test Result	Test Result
Nominal Size Work Size		300x600mm 300 x 600 x 9.0mm	(Pavement White Matt) 300x600mm 300 x 600 x 9.0mm	(Pavement Taupe Matt) 300x600mm 300 x 600 x 9.0mm
Dimension and Surface Quality				
Dimension: Length & Width (Average)				
The deviation, in percent, of the average size for each tile from the work size	± 0.6% (Surface . 410 cm²)	300.00mm ± 0.60% 600.00mm ± 0.60%	Average: 299.43 (Size X) 599.28	Average: 300.58 (Size S) 600.38
Thickness	± 5.0%	9.0 mm ± 5.0%	Average: 8.91 mm	Average: 8.92 mm
Surface Quality	Minimum 95%	Minimum 95%	95.20%	97.60%
Physical Properties				
Water Absorption	3 < E ≤ 6%	3 - 6%	Average = 5.35%	Average = 5.43%
Breaking Strength, in N a) Thickness ≥ 7.5mm b) Thickness < 7.5mm	≥ 1000 ≥ 600	> 1000 > 600	Average: 1700N	Average: 1700N
Modulus of Rupture (Mpa)	Minimum 22 N/mm²	≥ 22 N/mm²	Average: 34.03 N/mm²	Average: 33.98 N/mm²
Abrasion Resistance (PEI)	Report Abrasion Class	Class 1 - 4	Class 4	Class 3
Crazing Resistance	Required	No crazing observed	No crazing observed	No crazing observed
Chemical Properties				
Chemical Resistance a) Household b) Swimming Pool	Minimum GB Minimum GB	Minimum GB Minimum GB	GA GA	GA GA
c) acid and alkali	Manufacturer to state Classification	<u>Light Colour/Dark Colour</u> Class GLA Class GLB Class GLC	1) Hydrochloric acid solution, 3% 2) Potassium hydroxide solution 30g/l 3) Citric acids solution 100g/l Result: GLB	1) Hydrochloric acid solution, 3% 2) Potassium hydroxide solution 30g/l 3) Citric acids solution 100g/l Result: GLB
Staining Resistance	Minimum Class 3	Minimum Class 3	1) Green staining agent in light oil 2) Iodine, 13g/l solution in alcohol 3) Olive Oil Result: Class 5	1) Green staining agent in light oil 2) Iodine, 13g/l solution in alcohol 3) Olive Oil Result: Class 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.