

# TECHNICAL DATA SHEET

## GLAZED PORCELAIN TILES

Urban Cement Floor Tiles - Grit

MS ISO 13006: 2014, GROUP Bla E ≤ 0.5%

	Standard Requirements	Internal Requirement	Test Result
<b>Nominal Size Work Size</b>		60x60cm 600.0 x 600.0 x 9.5mm	<b>(Grit)</b> 60x60cm 600.0 x 600.0 x 9.5mm
<b>Dimension and Surface Quality</b>			
<b>Dimension: Length &amp; Width (Average)</b>			
<b>The deviation, in percent, of the average size for each tile from the work size</b>	± 0.6% ( Surface . 410 cm <sup>2</sup> )	600.0 x 600.0 (± 0.2%)	Average: 599.9 x 600.0mm
<b>Thickness</b>	± 5.0%	9.5mm (± 5.0%)	Average: 9.56mm
<b>Straightness of Sides</b>	± 0.5%	± 0.2%	± 0.2%
<b>Rectangularity</b>	± 0.6%	± 0.3%	± 0.3%
<b>Surface Quality</b>	Minimum 95%	Minimum 95%	Minimum 95%
<b>Physical Properties</b>			
<b>Water Absorption</b>	E ≤ 0.5%	E ≤ 0.5%	Average = 0.07% Ind. Max = 0.10%
<b>Breaking Strength, in N</b>	Not less then 1300 N	≥ 1300 N	Average = 2214 N
<b>Modulus of Rupture (Mpa)</b>	Minimum 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>	Average = 55 N/mm <sup>2</sup> Ind. Min = 52 N/mm <sup>2</sup>
<b>Slip Resistance Wet Pendulum Test (Factory test)</b>	Manufacturer to State Value	PTV = P4	PTV = 50 - 57 P4
<b>Abrasion Resistance (PEI)</b>	Report Abrasion Class	Min Class 3	Class 4
<b>Crazing Resistance</b>	No craze	No craze	No craze
<b>Chemical Properties</b>			
<b>Chemical resistance to:</b> a) Household Chemicals b) Swimming pool salts c) Acid and Alkaline	Minimum GB Minimum GB Manufacturer to state Classification	Minimum GB Minimum GB Manufacturer to state Classification	GA GA GLA
<b>Staining Resistance</b>	Minimum Class 3	Minimum Class 3	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.