

# TECHNICAL DATA SHEET

## GLAZED CERAMIC TILES

97x297 Neutral wall tiles - Black & White - Gloss & Satin

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

	Standard Requirements	Test Result	Test Result	Test Result	Test Result
<b>Nominal Size</b> <b>Work Size</b>		<b>White Gloss</b> 100x300mm 97x297x7.2mm	<b>Black Gloss</b> 100x300mm 97x297x7.2mm	<b>White Satin</b> 100x300mm 97x297x7.2mm	<b>Black Satin</b> 100x300mm 97x297x7.2mm
<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%	97.0mm ± 0.60% 297.0mm ± 0.60%	97.0mm ± 0.60% 297.0mm ± 0.60%	97.0mm ± 0.60% 297.0mm ± 0.60%	97.0mm ± 0.60% 297.0mm ± 0.60%
<b>Thickness</b>	± 5%	7.2mm ± 5%	7.2mm ± 5%	7.2mm ± 5%	7.2mm ± 5%
<b>Rectangularity</b>	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
<b>Straightness of Sides</b>	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
<b>Surface Flatness:</b> a) Centre Curvature b) Edge Curvature c) Warpage	± 0.5% ± 0.5% ± 0.5%	± 0.5% ± 0.5% ± 0.5%	± 0.5% ± 0.5% ± 0.5%	± 0.5% ± 0.5% ± 0.5%	± 0.5% ± 0.5% ± 0.5%
<b>Surface Quality</b>	Minimum 95%	Minimum 95%	Minimum 95%	Minimum 95%	Minimum 95%
<b>Physical Properties</b>					
<b>Water Absorption</b>	3% < E ≤ 6%	3 - 6%	3 - 6%	3 - 6%	3 - 6%
<b>Breaking Strength, in N</b> a) Thickness ≥ 7.5mm b) Thickness < 7.5mm	≥ 1000 ≥ 600	≥ 600	≥ 600	≥ 600	≥ 600
<b>Modulus of Rupture (Mpa)</b>	Minimum 22 N/mm <sup>2</sup>	> 22 N/mm <sup>2</sup>	> 22 N/mm <sup>2</sup>	> 22 N/mm <sup>2</sup>	> 22 N/mm <sup>2</sup>
<b>Abrasion Resistance (PEI)</b>	Report Abrasion Class	Class 3	Class 1	Class 3	Class 1
<b>Crazing Resistance</b>	No craze	No craze	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	Class GA Class GA Class GLA	Class GA Class GA Class GLA	Class GA Class GA Class GLA	Class GA Class GA Class GLC
<b>Staining Resistance</b>	Minimum Class 3	Class 5	Class 5	Class 5	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.