

# TECHNICAL DATA SHEET

## GLAZED CERAMIC TILES



Kelly Floor Tiles - 200x200 & 400x400  
 MS ISO 13006: 2014, GROUP BIIa 3% < E <= 6%

	Standard Requirements	Test Result	Test Result
<b>Nominal Size</b> <b>Work Size</b>		200x200 mm 199 x 199 x 6.8mm	400x400 mm 400 x 400 x 8.4mm
<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>	± 0.60%	199.0mm ± 0.6%	400.0mm ± 0.6%
<b>Thickness</b>	± 5.0%	6.80mm ± 5.0%	8.40mm ± 5.0%
<b>Rectangularity</b>	± 0.50%	± 0.50%	± 0.50%
<b>Straightness of Sides</b>	± 0.50%	± 0.50%	± 0.50%
<b>Surface Flatness:</b>			
a) Centre curvature	± 0.50%	± 0.50%	± 0.50%
b) Edge curvature	± 0.50%	± 0.50%	± 0.50%
c) Warpage	± 0.50%	± 0.50%	± 0.50%
<b>Surface Quality</b>	Minimum 95%	Minimum 95%	Minimum 95%
<b>Physical Properties</b>			
<b>Water Absorption</b>	3 % < E <= 6%	3 - 6%	3 - 6%
<b>Breaking Strength, in N</b>			
b) Thickness >= 7.5mm	>= 1000	> 1000	> 1000
a) Thickness < 7.5mm	>= 600	> 600	> 600
<b>Modulus of Rupture (Mpa)</b>	Minimum 22 N/mm <sup>2</sup>	Minimum 22 N/mm <sup>2</sup>	Minimum 22 N/mm <sup>2</sup>
<b>Slip Resistance</b> <b>Wet Pendulum Test (Factory test)</b>	Manufacturer to State Value	P1 PTV = 19 - 22	P1 PTV = 19 - 22
<b>Abrasion Resistance (PEI)</b>	Report Abrasion Class	Class 1 - 4	Class 1 - 4
<b>Crazing Resistance</b>	No craze	No craze	No craze
<b>Chemical Properties</b>			
<b>Chemical resistance to:</b>			
a) Household Chemicals	Minimum GB	Minimum GB	Minimum GB
b) Swimming pool salts	Minimum GB	Minimum GB	Minimum GB
c) Acid and Alkaline	Manufacturer to State Classification	<u>Light/Dark Colour</u> Class GLA Class GLB Class GLC	<u>Light/Dark Colour</u> Class GLA Class GLB Class GLC
<b>Staining Resistance</b>	Minimum Class 3	Minimum Class 3	Minimum Class 3

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.