

# TECHNICAL DATA SHEET

## GLAZED PORCELAIN TILES



Peak Floor Tiles - Grit

MS ISO 13006: 2014, GROUP Bla E  $\leq$  0.5%

		Requirement	Result
<b>Nominal Size Work Size</b>			<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>	MS ISO 10545-2	$\pm$ 0.6% ( Surface . 410 cm <sup>2</sup> )	$\pm$ 0.15% (Rectified)
<b>Thickness</b>	MS ISO 10545-2	$\pm$ 5.0%	$\pm$ 5.0%
<b>Edge Straightness</b>	MS ISO 10545-2	$\pm$ 0.5%	$\pm$ 0.15%
<b>Rectangularity</b>	MS ISO 10545-2	$\pm$ 0.6%	$\pm$ 0.15%
<b>Planarity (Flatness)</b>	MS ISO 10545-2	$\pm$ 0.5%	$\pm$ 0.3%
<b>Surface Quality</b>	MS ISO 10545-2	Minimum 95%	Conforms
<b>Physical Properties</b>			
<b>Water Absorption</b>	MS ISO 10545-3	$E \leq$ 0.5%	$E \leq$ 0.5%
<b>Breaking Strength, in N</b>	MS ISO 10545-4	$\geq$ 1300 N	$\geq$ 1500 N
<b>Modulus of Rupture (Mpa)</b>	MS ISO 10545-4	Minimum 35 N/mm <sup>2</sup>	$\geq$ 40 N/mm <sup>2</sup>
<b>Thermal Shock Resistance</b>	MS ISO 10545-9	No visible defects	N/A
<b>Resistance to Crazing</b>	MS ISO 10545-11	No visible defects	Conforms
<b>Frost Resistance</b>	MS ISO 10545-12	No Alteration to surface	N/A
<b>Abrasion Resistance (PEI) Resistance to surface abrasion of glazed tiles intended for use on floor</b>	MS ISO 10545-7	Report Abrasion Class	Class 3
<b>Slip Resistance Wet Pendulum Test (Factory test)</b>	AS 4586 / BS 7976	Declare Value	P4
<b>Chemical Properties</b>			
<b>Chemical resistance to: Concentrated Acids and Alkalis</b>	MS ISO 10545-13	GA	GLA
<b>Staining Resistance</b>	MS ISO 10545-14	No permanent staining	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.