

# TECHNICAL DATA SHEET

## GLAZED CERAMIC TILES

### UK Prismatic Wall Tiles

Dimensions and Surface Quality	Test Method	Standard Requirements	Specifications
Product Thickness		6.5mm	
Dimension: Length & Width (Average)	ISO 10545.2	± 0.50%	± 0.25%
Rectangularity (Average)	ISO 10545.2	± 0.50%	± 0.40%
Straightness of Sides (Edge Curvature)	ISO 10545.2	± 0.30%	± 0.15%
Warpage	ISO 10545.2	Max 0.50%	Max 0.30%
<b>Physical Properties</b>			
Water Absorption	ISO 10545.3	10% to 20%	15% to 17%
Modulus of Rupture (Mpa)	ISO 10545.4	Average 15 N/mm <sup>2</sup>	25 N/mm <sup>2</sup>
Scratch Hardness	BS6431: Part13 / EN101	≥3	4
Resistance to Crazeing	ISO 10545.11	PASS	PASS
Frost Resistance	ISO 10545.12	N/A	Not suitable for installations where temperatures may fall below freezing
<b>Chemical Properties</b>			
Chemical Resistance	ISO 10545.13	Class C	Class A - B (better)
Staining Resistance	ISO 10545.14	Minimum Class 3	Class 3 (better)
Fire Rating			Class 0 - Non Combustable
UV Colour Resistance			Unaffected by light

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.