









PHOENIX TILES LIMITED
Technical Specification For JAZZ series of Glazed Ceramic Subway Wall Tiles

Type of Test	International Norm	International Standard (Group BIII)	Phoenix Tiles Typical Standard Glazed Ceramic Subway Wall Tiles (Glossy Glaze Finish)
 Water Absorption	ISO 10545-3 / EN 99	Group BIII, E ≥ 10%	E ≥ 14%
 Dimension			
Length & Width	ISO 10545-2 / EN 98	±0.50%	± 0.40%
Thickness	ISO 10545-2 / EN 98	±10.00%	±6.00%
Straightness of Sides	ISO 10545-2 / EN 98	±0.30%	± 0.30%
Rectangularity	ISO 10545-2 / EN 98	±0.50%	± 0.40%
Flatness of Surface			
Centre Curvature	ISO 10545-2 / EN 98	-0.3% to +0.5%	± 0.50%
Warpage	ISO 10545-2 / EN 98	±0.50%	± 0.50%
Edge Curvature	ISO 10545-2 / EN 98	-0.3% to +0.5%	± 0.50%
 Modulus of Rupture	ISO 10545-4 / EN 100	Min. 12 N/mm ²	Min. 15 N/mm ²
 Co-efficient of Thermal Expansion	ISO 10545-8 / EN 103	Not Applicable	Not Applicable
 Thermal Shock	ISO 10545-9 / EN 104	No Damage	No Damage
 Frost Resistance	ISO 10545-12 / EN202	No visible alteration to the surface	No visible alteration to the surface
 Chemical Resistance	ISO 10545-13 / EN106	Min. GB	Min. GB
 Stain Resistance	ISO 10545-14	Min. Class 3	Class 3

* The above standards serves as a "General Guide" only and is based on testing conducted on factory fresh samples or unused surfaces using specific conditions. Factors such as usage, cleaning systems, applied coatings, type of footwear and patterns of wear may affect the characteristics of the surface after testing. It is therefore recommended to conduct specific tests on individual tile batches which are going to be laid.