











**Coliseum Series : Phoenix Tiles Products Technical Data Sheet Document**

<b>PHOENIX TILES LIMITED</b>			
Technical specification for COLISEUM Series - Glazed Porcelain Coloured Body			
Type of Test	International Norm	International Standard (S > 410 cm <sup>2</sup> )	Phoenix Tiles Typical Standard (COLISEUM SERIES)
 <b>Water Absorption</b>	ISO 10545-3 / EN 99	Group Bla, E ≤ 0.5%	≤ 0.30%
 <b>Dimension</b>			
Length & Width	ISO 10545-2 / EN 98	± 0.50%	± 0.30%
Thickness	ISO 10545-2 / EN 98	± 5.00%	± 5.00%
Straightness of Sides	ISO 10545-2 / EN 98	± 0.50%	± 0.30%
Rectangularity	ISO 10545-2 / EN 98	± 0.60%	± 0.30%
<b>Flatness of Surface</b>			
Centre Curvature	ISO 10545-2 / EN 98	± 0.50%	± 0.30%
Warpage	ISO 10545-2 / EN 98	± 0.50%	± 0.30%
Edge Curvature	ISO 10545-2 / EN 98	± 0.50%	± 0.30%
 <b>Modulus of Rupture</b>	ISO 10545-4 / EN 100	Min. 32N/mm <sup>2</sup>	≥ 37N/mm <sup>2</sup>
 <b>Breaking Strength</b>	ISO 10545-4	Min. 1300N	≥ 2000N
 <b>Co-efficient of Thermal</b>	ISO 10545-8 / EN 103	≤ 9X10 <sup>-6</sup> K <sup>-1</sup>	≤ 9X10 <sup>-6</sup> K <sup>-1</sup>
 <b>Thermal Shock</b>	ISO 10545-9 / EN 104	No Damage	No Damage
 <b>Frost Resistance</b>	ISO 10545-12 / EN202	No visible alteration to the surface	No visible alteration to the surface
 <b>Chemical Resistance</b>	ISO 10545-13 / EN106	Min. GB	GB
 <b>Stain Resistance</b>	ISO 10545-14	Min. Class 3	Class 3
 <b>Slip Resistance (Wet Pendulum)</b>	AS/NZS 4586 (App. A)	P0 - P5	Matt: P3, Anti Slip: P4

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\*\* 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.