
















SOHO Series, Floor Tiles Matt 30x30cm :Technical Data Sheet Document

PHOENIX TILES LIMITED Technical Specification for SOHO Series, Floor Tiles Matt 30x30cm			
Type of Test	International Norm	International Standard (S>410cm2)	Phoenix Tiles Typical Standard (SOHO Floor Tiles)
 Water Absorption	ISO 10545-3	Group BIa, E ≤ 0.5%	≤ 0.5%
 Dimension			
Length & Width	ISO 10545-2	±0.50%	± 0.30%
Thickness	ISO 10545-2	±5.00%	±5.00%
Straightness of Sides	ISO 10545-2	±0.50%	± 0.30%
Rectangularity	ISO 10545-2	±0.50%	±5.00%
Flatness of Surface			
Centre Curvature	ISO 10545-2	±0.50%	± 0.30%
Warpage	ISO 10545-2	±0.50%	± 0.30%
Edge Curvature	ISO 10545-2	±0.50%	± 0.30%
 Modulus of Rupture	ISO 10545-4	Not less than 700N (For thicknes < 7.5mm)	Not less than 700N (For thicknes < 7.5mm)
 Co-efficient of Thermal Expansion	ISO 10545-8	≤ 9X10 ⁻⁶ K ⁻¹	≤ 9X10 ⁻⁶ K ⁻¹
 Thermal Shock	ISO 10545-9	No Damage	No Damage
 Frost Resistance	ISO 10545-12	No visible alteration to the surface	No visible alteration to the surface
 Resistance to Chemicals	ISO 10545-13	Min. GB	Min. GB
 Resistance to Staining	ISO 10545-14	Min.Class 3	Min.Class 3

Up-dated : 31/5/2019

** 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.

SOHO Series, Wall Tiles Glossy 30x60cm : Technical Data Sheet Document

PHOENIX TILES LIMITED Technical specification for SOHO Series, Wall Tiles Glossy 30x60cm			
Type of Test	International Norm	International Standard	Phoenix Tiles Typical Standard (SOHO Ceramic Wall Tiles)
 Water Absorption	ISO 10545-3 / EN 99	Group BIII, E ≥ 10%	E ≥ 10%
 Dimension			
Length & Width	ISO 10545-2 / EN 98	±0.50%	± 0.30%
Thickness	ISO 10545-2 / EN 98	±10.00%	±10.00%
Straightness of Sides	ISO 10545-2 / EN 98	±0.30%	± 0.30%
Rectangularity	ISO 10545-2 / EN 98	±0.50%	± 0.30%
Flatness of Surface			
Centre Curvature	ISO 10545-2 / EN 98	±0.50%	±0.50%
Warpage	ISO 10545-2 / EN 98	±0.50%	±0.30%
Edge Curvature	ISO 10545-2 / EN 98	±0.50%	±0.50%
 Modulus of Rupture	ISO 10545-4 / EN 100	Min.12N/mm ²	Min.12N/mm ²
 Co-efficient of Thermal	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	Minimum GB	Minimum GB

Updated: 31/5/2019

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