





CERASIA INTERNATIONAL SDN. BHD. Technical Specification for SOLID Series – Full Body Porcelain

Type of Test	International Norm	International Standard (S > 410cm²)	CA Typical Standard (Matt Finish)
Water Absorption	ISO 10545-3 / EN99	Group B1a, E ≥ 0.5%	≤ 0.5%
Dimension :			
Length & Width	ISO 10545-2 / EN98	± 0.50%	± 0.40%
Thickness	ISO 10545-2 / EN98	± 5.00%	± 4.00%
Straightness of Sides	ISO 10545-2 / EN98	± 0.50%	± 0.40%
Rectangularity	ISO 10545-2 / EN98	± 0.60%	± 0.40%
Flatness of Surface:			
Centre Curvature	ISO 10545-2 / EN98	± 0.50%	± 0.40%
Warpage	ISO 10545-2 / EN98	± 0.50%	± 0.40%
Edge Curvature	ISO 10545-2 / EN98	± 0.50%	± 0.40%
Modulus of Rupture	ISO 10545-4 / EN100	Min. 35N / mm²	Min. 35N / mm²
Breaking Strength	ISO 10545-4 / EN100	Min. 1300N	≥ 1300 / mm²
Abrasion Resistance (PEI Testing)	ISO 10545-6 / EN102	Max. 175mm ³	160mm³
Co-efficient of Thermal Expansion	ISO 10545-8 / EN103	≤ 9 X 10 ⁻⁶ K ⁻¹	≤ 9 X 10 ⁻⁶ K ⁻¹
Thermal Shock	ISO 10545-9 / EN104	No Damage	No Damage
Frost Resistance	ISO 10545-12 / EN202	No visible alteration to the surface	No visible alteration to the surface
Resistance to Chemicals	ISO 10545-13 / EN106	No visible signs of Chemical Attack	No visible signs of Chemical Attack
Resistance to Staining	ISO 10545-14	Min. Class 3	Class 5
Moh's Hardness	EN101	Min. 6	≥6
Colour Fastness	ISO 10545-16 / SS 301	No noticeable colour change	No noticeable colour change

Notes: The above generic Cerasia International Standards on Grip-Wet surface finishes serve as a general guide only. Difference types of tiles are made to meet different performance requirements; for legal compliance or product technical performance please request a confirmation or report from the CerAsia International Sales & Marketing

JAAH



Sole distributor in Maldives

Contract: Nalaka Samantha (COO)



