

TECHNICAL CHARACTERISTIC

Technical Characteristic	Test method or as per norm	Floor tile		Wall tile	
		ISO 13006 Requirement		ISO 13006 Requirement	
Length and Width	ISO 10545 - 2	± 0.6 %	± 0.4 %	± 0.5 %	± 0.2 %
Side Straightness	ISO 10545 - 2	± 0.5 %	± 0.3 %	± 0.3 %	± 0.2 %
Rectangularity	ISO 10545 - 2	± 0.6 %	± 0.4 %	± 0.5 %	± 0.2 %
Center Curvature & Edge Curvature	ISO 10545 - 2	± 0.5 %	- 0.06 % to + 0.25 %	- 0.3 % to + 0.5 %	- 0.15 % to + 0.25 %
Warpage	ISO 10545 - 2	± 0.5 %	± 0.3 %	± 0.5 %	± 0.25 %
Thickness	ISO 10545 - 2	± 5.0 %	± 4.0 %	± 10 %	± 3.0 %
Water Absorption	ISO 10545 - 3	B1: ≤ 3.0 %	B1: ≤ 3.0 %	B3: > 10 %	B3: Less than 18 %
		B2a 3% - 5%	B2a 3% - 5%		
Modulus of Rupture	ISO 10545 - 4	≥ 22	≥ 30 N/mm ²	≥ 15 N/mm ²	≥ 17 N/mm ²
Crazing Resistance	ISO 10545 -11	Required	Resistant	Required	Resistant
Chemical Resistance	ISO 10545 - 13	Minimum Class GB	Minimum Class B	Minimum Class GB	Minimum Class B
Stain Resistance	ISO 10545 - 14	Minimum Class 3	Minimum Class 4	Minimum Class 3	Minimum Class 5
Abrasion Resistance	ISO 10545 - 7	Group I to V	Group III to V	Not Required	Not Required