

2023

Technical Specification





You and Roman



Technical Specification



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 %	± 0.4 %
Side Straightness	ISO 10545 - 2	± 0.5 %	± 0.3 %	± 0.3 %	± 0.3 %
Rectangularity	ISO 10545 - 2	± 0.6 %	± 0.4 %	± 0.5 %	± 0.4 %
Center Curvature & Edge Curvature	ISO 10545 - 2	± 0.5 %	- 0.15 % to + 0.25 %	- 0.3 % to + 0.5 %	- 0.15 % to + 0.25 %
Warpage	ISO 10545 - 2	± 0.5 %	± 0.3 %	± 0.5 %	± 0.3 %
Thickness	ISO 10545 - 2	± 5.0 %	± 4.0 %	± 10 %	± 3.0 %
Water Absorption	ISO 10545 - 3	B1b ≤ 3.0 %	B1 < 3.0 %	B3 > 10 %	B3 Less than 18 %
Modulus of Rupture	ISO 10545 - 4	B1b 30 Ind. Min. 27N/mm ²	≥ 35 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 GB	Minimum Class GB	Minimum Class GB
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

NOTE :

- The governing sizes and weights are subject to the usual variations expected of fired ceramic productions.
- Slight variations of shades/colours and surface finishes are inherent due to the nature of ceramic tile production process.

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