

Packing Details

Size (In mm.)	No. of Tiles Per Carton	Covered Area Per Carton (In Sq. Ft.)	
		(In Sq. Mtr.)	(In Sq. Ft.)
395x395	6	0.94	10.08
300x300 Edge Cut	10	0.87	9.36
300x300 Edge Cut (Antir Skid)	10	0.87	9.36

As Per Indian Standards (IS 15622:2017) Group B IIa

Characteristics	Testing Methods	Required as per IS 15622:2017 3 < E ≤ 6 % (Group B II a)	OBL Norms
Dimension & Surface Quality		Unrectified ± 0.4 %	Conforms
Deviation in Length & Width		Rectified ± 0.1 %	Conforms
Deviation in Thickness		± 5.0 %	±4.0%
Straightness of Sides	IS 13630 Part 1 / ISO 10545-2	± 0.1 %	Conforms
Rectangularity		± 0.1 %	Conforms
Surface Flatness		± 0.5 %	± 0.3 % ☹️
Surface Quality		Min. 95 % tiles should be free from visible defects	Conforms
Physical Properties			
Water Absorption	IS 13630 Part 2/ ISO 10545-3	Avg 3 < E ≤ 6, Individual Max,6.2	5-6%
Modulus of Rupture in [N/mm ²]		Avg 22, Individual 20, Min	>28 ☹️
Breaking Strength in N	IS 13630 Part 6/ ISO 10545-4	< 7.5 mm thickness: 600, Min ≥ 7.5 mm thickness: 1000, Min	>1000/>600 ☹️
Moisture Expansion in mm/m	IS 13630 Part 3	0.03, Max	0.02
Scratch Hardness of Surface (Mohs)	IS 13630 Part 13	4, Min	Min 5
Resistance to Surface Abrasion of glazed tiles (Class I to V)	IS 13630 Part 11/ ISO 10545-7	Class II, Min	PEI Class 3-5 (depending on surface)
Co-efficient of Linear Thermal Expansion from ambient temperature to 100°C	IS 13630 Part 4/ ISO 10545-8	9x10 ⁻⁶ K ⁻¹ ,Max	Conforms
Thermal Shock Resistance	IS 13630 Part 5	10 cycles, Min	Passed
Crazing Resistance	IS 13630 Part 9/ ISO 10545-9	4 Cycles@7.5 bar, Min	Passed ☹️
Frost Resistance	IS 13630 Part 10	Required, if agreed	NA
Impact resistance- Coefficient of restitution	IS 13630 Part 14	0.55, Min	Conforms
Chemical Properties			
Stain Resistance		Class I, Min	Conforms
Resistance to household chemicals	IS 13630 Part 8/ ISO 10545-13 and ISO 10545-14	Class AA, Min	Conforms
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)		Required, if agreed	Min Class AA

NOTE: Certain amount of Size and Shade Variation is inherent in all ceramic products. Within the limits of printed material, the colors and aesthetics of the products correspond closely to those of illustrated products. Prospective customers are advised to inspect a sample of the tile before ordering and laying. At all points of time, the company liability is restricted to the purchase value of tiles. Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to delete & change, any of the items, colors, sizes & technical specifications without any prior notice.