

TECHNICAL SPECIFICATIONS

Vitreous Parking Tiles

Packing Details

Size (In mm.)	No. of Tiles Per Carton	(In Sq. Mtr.)	Covered Area Per Carton (In Sq. Ft.)
300x300 (Cool Tile Pavers/Pavers/ Step Pavers)	10	0.9	9.68

As per ISO 13006:2012 (Group B Ia) and as IS 15627:2017 (Group B Ib)

Characteristics	Testing Methods	Required as per IS 15622:2017 0.08 < E ≤ 3% (Group B Ib)	OBL Values
Dimension & Surface Quality		Rectified	
Deviation in Length & Width		± 0.4 %	± 0.10 %
Deviation in Thickness		± 5.0 %	± 4.0 %
Straightness of Sides	IS 13630 (Part 1):2006	± 0.3 %	± 0.10 %
Rectangularity		± 0.3 %	± 0.10 %
Surface Flatness		± 0.5 %	± 0.2 %
Surface Quality		Min. 95 % tiles should be free from visible defects	Conforms
Physical Properties			
Water Absorption	IS 13630 (Part 2):2006	Avg 0.08 < E ≤ 3, Individual 3.3, Max	Av < 3%
Modulus of Rupture in [N/mm ²]	IS 13630 (Part 6):2006	Avg 30, Individual 27, Min	> 35
Breaking Strength in N	IS 13630 (Part 6):2006	< 7.5 mm thickness: 700, Min ≥ 7.5 mm thickness: 1100, Min	1500 Min
Moisture Expansion in mm/m	IS 13630 (Part 3):2006	0.02, Max	Conforms
Scratch Hardness of Surface (Mohs)	IS 13630 (Part 13):2006	5, Min	5-8 depends on surface
Resistance to Surface Abrasion of glazed tiles (Class I to V)	IS 13630 (Part 11):2006	Class II, Min	3-5 as per design/surface
Co-efficient of Linear Thermal Expansion from ambient temperature to 100°C	IS 13630 (Part 4):2006	7x10 ⁻⁶ °C ⁻¹ ,Max	Conforms
Thermal Shock Resistance	IS 13630 (Part 5):2006	10 cycles, Min	Passed
Crazing Resistance	IS 13630 (Part 9):2006	4 Cycles@7.5 bar, Min	Passed
Frost Resistance	IS 13630 (Part 10):2006	Required	Resistance
Impact resistance- Coefficient of restitution	IS 13630 (Part 14):2006	0.55, Min	Conforms
Chemical Properties			
Stain Resistance		Class I, Min	Min. Class-1
Resistance to household chemicals		Class AA, Min	Min. Class-AA
Resistance to acids and alkalis (with exception of hydrofluoric acid and its compounds)	IS 13630 (Part 8):2006	Required, if agreed	Required, if agreed

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.