

Technical Specifications

Sr. No.	PROPERTY	International Std. ISO 13006/EN 176 Group Bla	Value	Method of Testing
1.	Deviation in Length	±0.6%	± 0.3%	EN 98
2.	Deviation in Thickness	±0.5%	± 0.3%	EN 98
3.	Straightness of Sides	±0.5%	± 0.3%	EN 98
4.	Rectangularity	±0.6%	±0.3%	EN 98
5.	Surface Flatness	±0.5%	±0.3%	EN 98
6.	Water absorption *	<0.5%	<0.03%	EN 99
7.	Mohs hardness *	> 6	> 6	EN 101
8.	Flexural Straightness *	> 27 N/mm ²	> 47 N/mm ²	EN 100
9.	Abrasion resistance	< 204 mm ³	< 144 mm ³	EN 102
10.	Skid Resistance (Friction Coefficient)	> 0.4	> 0.6	ASTM C-1028
11.	Breaking Strength *	1113 N	2830 N	ASTM C-648
12.	Density (g/cc)	> 2	2.4	DIN 51082
13.	Frost resistance	Frost proof	Frost proof	EN 202
14.	Chemical Resistance	No damage	No damage	EN 106
15.	Thermal Shock Resistance	No damage	No damage	EN 104
16.	Colour Resistance	No damage	No damage	DIN 51094
17.	Thermal Expansion	< 9 x 10 ⁻⁶	< 6 x 10 ⁻⁶	EN 103
18.	Stain Resistance	Resistant	Resistant	ISO 10545-14
19.	Moisture Expansion	Nil	Nil	ISO 10545-10
20.	Glossiness	—	Min. 65% - 70% reflection	Glossmeter
21.	Nano Glossiness	—	Min. 90% - 93% reflection	Glossmeter

Packing Details

Size	Normal Thickness	No. of Tiles/Box	Coverage Area	Wt. of Box
600x600mm	8 mm	4 pcs.	1.44 sq. mt.	24.20 kgs. (approx.)

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