

TECHNICAL SPECIFICATION

600X600 I 600X1200MM Full Body

TECHNICAL DETAILS		STANDARD AS PER ISO - 13006/EN176 GROUP BIa	MEAN VALUE OF FULL BODY VITRIFIED TILES	METHOD OF TEST
1	Deviation In Length & Width	± 0.60%	± 0.10%	ISO-10545-2
2	Deviation In Thickness	+ 5.00%	+2.00%	ISO-10545-2
3	Straightness Of Sides	± 0.50%	± 0.10%	ISO-10545-2
4	Rectangularity	± 0.60%	± 0.10%	ISO-10545-2
5	Surface Flatness	± 0.50%	± 0.10%	ISO-10545-2
6	Water Absorption	≤ 0.50%	E ≤ 0.03%	ISO-10545-3
7	Modulus of Rupture (MOR)	≥ 35 N/mm ²	≥ 40 N/mm ²	ISO-10545-4
8	Breaking Strength	1300 N	2000 N	ISO-10545-4
9	Abrasion Resistance	Max. 175mm	Max. 145mm ³	ISO-10545-6
10	Moh's Hardness	Min. 6	≥ 6*	EN101
11	Frost Resistance	Frost Proof	Frost Proof	ISO-10545-12
12	Thermal Shock	No Damage	No Damage	ISO-10545-9
13	Moisture Expansion	Nil	Nil	ISO-10545-10
14	Thermal Expansion	< 9 × 10 ⁻⁶	< 6 × 10 ⁻⁶	ISO-10545-8
15	Resistance of House Hold Chemical	No Damage	No Damage*	ISO-10545-13
16	Stain Resistance	Resistance	Resistance*	ISO-10545-14
17	Slip Resistance(friction Co Efficient)	0.40	> 0.40	ISO-10545-17