

TECHNICAL SPECIFICATION

POLISHED GLAZED VITRIFIED TILES & GLAZED VITRIFIED TILES

SIZE:300X600 MM

Sr.No.	Particulars	STANDARD as per ISO 13006/EN 176 Group Bla	OUR VALUE	Method
1	Deviation In Length	0.60%	0.10%	ISO 10545 - 2
2	Deviation In Thickness	5.00%	2%	ISO 10545 - 2
3	Straightness Of Sides	0.50%	0.10%	ISO 10545 - 2
4	Rectangularity	0.60%	0.20%	ISO 10545 - 2
5	Surface Flatness	0.50%	0.20%	ISO 10545 - 2
6	Water Absorption	≤0.50%	≤0.50%	ISO 10545 - 2
7	Mohs Hardness	<6	<7	EN 101
8	Flexural Straightness	>35 N/MM ²	>45 N/MM ²	ISO 10545 - 4
9	Abrasion Resistance	>175 MM ³	>144MM ³	ISO 10545 - 6
10	Skid Resistance	>0.4	>0.4	ISO 10545 - 17
11	Breaking Strength*	1113 N	2500 N	ISO 10545 - 4
12	Density (g/cc)	>2	2.4	ISO 10545 - 3
13	Frost Resistance	Frost Proof	Frost Proof	ISO 10545 - 12
14	Chemical Resistance	No Damage	No Damage	ISO 10545 - 13
15	Thermal Shock Resistance	No Damage	No Damage	ISO 10545 - 9
16	Colour Resistance	No Damage	No Damage	DIN 51094
17	Thermal Expansion	<9x10-6	<6x10-6	ISO 10545 - 8
18	Stain Resistance	Resistant	Resistant	DIN 51094
19	Moisture Expansion	Nil	Nil	DIN 51094
20	Glossiness	=	>65% reflection	Gloss Meter

PACKING DETAIL

NO.	Size	PCS/BOX	Thickness (Approx)	AREA / BOX	Wt. / BOX (Kgs.) (Approx)
1	300x600	5	8.50	0.9	17.70