



TECHNICAL SPECIFICATION OF DIGITAL VITRIFIED TILES

	PROPERTY	International Std. ISO 13006/EN 176 Group Bia	ME TILES VITRIFIED Value	Method of Testing
1.	Deviation in Length	±0.6%	±0.1%	ISO 10545-2
2.	Deviation in Thickness	±5.0%	±4.0%	ISO 10545-2
3.	Straightness of Sides	±5.0%	±0.1%	ISO 10545-2
4.	Rectangularity	±0.6%	±0.1%	ISO 10545-2
5.	Surface Flatness	±0.5%	±0.15%	ISO 10545-2
6.	Surface Quality (%)	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tile	98% free from visible defects	ISO 10545-2
7.	Scratch Hardness of Surface (Moh's Scale)	Min 6	Min 7	ISO 10545-2
8.	Modulus of Rupture	> 35 N/mm ²	> 45 N/mm ²	ISO 10545-4
9.	Breaking Strength	> 1300 N	> 8000 N	ISO 10545-4
10.	Water Absorption	< 0.5%	< 0.08%	ISO 10545-3
11.	Stain Resistance	Stain Resistant	Stain Resistant	ISO 10545-14
12.	Chemical Resistance	No Damage	No Damage	ISO 10545-13
13.	Thermal Expansion	< 9x10 ⁻⁶	<6x10 ⁻⁶	ISO 10545-8
14.	Mositure Expansion	Nil	Nil	ISO 10545-10
15.	Thermal Shock Resistance	No Damage	No Damage	ISO 10545-9
16.	Resistance of Surface Abrasion	Manufacturer to state abrasion class	PEI Class	ISO 10545-7
17.	Skid Resistant	--	R10	DIN 51130

PACKING DETAIL

Size	Thickness (Approx.)	Tiles/ Box	Coverag Area / Box (Approx.)	Wt. of Box (Approx.)
300x600mm	10mm	8 Pieces	1.44 sq. mtr.	27.5 kgs.