

TECHNICAL SPECIFICATION

Sr No.	CHARACTERISTICS	ISO TEST METHODS	VITRIFIED TILES REQUIREMENT AS PER ISO 13006 Bla / EN176 Bla	VITRIFIED TILES IS 15622 : 2006 GROUP Bla	VALUE
A Dimension & Surface Quality					
1	Deviation in Length & Width	ISO 10545-2	+/- 0.6 %	+/- 0.1 %	+/- 0.1 %
2	Deviation in Thickness	ISO 10545-2	+/- 5.0 %	+/- 4.0 %	+/- 3.5 %
3	Straightness of sides	ISO 10545-2	+/- 0.5 %	+/- 0.1 %	+/- 0.08 %
4	Rectangularity	ISO 10545-2	+/- 0.6 %	+/- 0.1 %	+/- 0.1 %
5	Surface Flatness	ISO 10545-2	+/- 0.5 %	+/- 0.2 %	+/- 0.2 %
6	Color Difference	ISO 10545-2	Unaltered	Unaltered	No Change
B Physical Properties					
1	Water Absorption	ISO 10545-3	≤ 0.5%	≤ 0.08%	0.05%
2	Flexural Strength (MOR)	ISO 10545-4	≥ 35 N mm ²	≥ 44 N mm ²	44
3	Mohs Hardness	EN 101	≥ 6	≥ 6	7
4	Flexural Breaking Strength	ISO 10545-4	> 1300 N	> 1500 N	1900 N
5	Bulk Density (GM/CC)	DIN 51082	> 2 gm/cc	> 2.2 gm/cc	2.35 gm/cc
6	Slip Resistance Coefficient of Friction	ISO 10545-17	≥ 0.4	≥ 0.4	≥ 0.6
C Chemical Properties					
1	Staining Resistance	ISO 10545-14	Resistant	Resistant	Resistant
2	Household Chemicals	ISO 10545-13	No Damage	No Damage	No Damage
D Thermal Properties					
1	Thermal Shock Resistance	ISO 10545-9	No Damage	No Damage	Passed
2	Thermal Expansion	ISO 10545-8	9x10 ⁻⁶ Max.	9x10 ⁻⁶ - k ⁻¹ Max.	Passed
3	Moisture Expansion	ISO 10545-10	Nil	Nil	Passed

Values given above are our own values, Which we tries to maintain, how ever test results may differ up to the limit prescribed under ISO 13006 / EN 176 Group Bla

PACKING DETAILS

SERIES	TILE SIZE	NO. OF TILES / BOX	WEIGHT / BOX (approx)	COVERAGE AREA / BOX (approx)	COVERAGE AREA / BOX (approx)
Digital GVT	200x1200mm	5 pcs.	27.5 kg.	1.20 sq. mtr.	12.92 sq. ft.