

## TECHNICAL SPECIFICATION (PVT)

S.No.	Property	Group Bia - ISO 13006	Our Value	Test According to
1	Deviation in length and width	± 0.6%	± 0.1%	ISO 10545:2
2	Deviation in thickness	± 5%	± 4%	ISO 10545:2
3	Deviation in Staightness of sides	± 0.5%	± 0.1%	ISO 10545:2
4	Deviation in Rectangualrity	± 0.6%	± 0.1%	ISO 10545:2
5	Deviation in Surface Flatness	± 0.5%	± 0.1%	ISO 10545:2
6	Surface Quality (%)	Minimum 95%	No visible defects	ISO 10545:2
7	Modulus of rupture	> 35 N/mm <sup>2</sup>	≥ 40 N/mm <sup>2</sup>	ISO 10545:4
8	Breaking strength	> 1500 N	≥ 2200 N	ISO 10545:4
9	Water absorption	< 0.08%	< 0.03%	ISO 10545:3
10	Surface Abrason Resistance	< 100mm <sup>3</sup>	< 144mm <sup>3</sup>	ISO 10545:7
11	Stain Resistance	Resistant	Resistant	ISO 10545:14
12	Chemical Resistance	No Damage	No Damage	ISO 10545:13
13	Co efficient of thermal expansion	6×10 <sup>-6</sup> K <sup>-1</sup> Max	6×10 <sup>-6</sup> K <sup>-1</sup> Max	ISO 10545:4
14	Moisture Expansion	Nil	Nil	ISO 10545:10
15	Thermal shock resistance	No Damage	No Damage	ISO 10545:9
16	Scratch Hardness of surface Moh's scale	Min. 6	Min. 6	ISO 10545:2

## PACKING DETAILS

Dimensions	No.of Tiles / Box	Coverage Area
400x800mm	3 pcs.	0.96 sq. mtr.
200x800mm	6 pcs.	0.96 sq. mtr.

\* Vitrified tiles have resistance to most of the stains/chemicals but, it is recommended to take due care while laying and for day-to-day  
 # Resistance to acids & alkalies (Exception Hydrofluoric Acids & its Compounds)

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16	Scratch Hardness of surface Moh's scale	Min. 6	Min. 6	ISO 10545:2

## PACKING DETAILS

Dimensions	No.of Tiles / Box	Coverage Area
300x600mm	5 pcs.	0.90 sq. mtr.

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