

TECHNICAL SPECIFICATIONS

S. No.	Technical Characteristics	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 Rectangularity	± 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 ²	≥ 40 N/mm ²	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 Abrasion Resistance	≤ 100 mm ³	≤ 144mm ³	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 ⁻⁶ K ⁻¹ Max	6 × 10 ⁻⁶ K ⁻¹ 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

* 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 maintenance.

Resistance to acids & alkalies (Exception Hydrofluoric Acids & its Compounds)

PACKING DETAILS

Size (mm)	No. of tiles per box	Coverage area per box
600x600 mm	4 Pcs.	1.44 Sq. Mtr.

The reproduction of tiles in this catalogue is restricted to four colour printing only and tiles are not relative sizes. Conforming to ISO requirements, technical specifications for Kajaria tiles are applicable only for 1st quality tiles. Please inspect all tiles prior to installation; company will not entertain complaints, once tiles are laid / fixed. Price category & PEI grade may change without any notice. Customers are advised to confirm it before placing order.