

PACKING DETAILS

DIMENSIONS (MM)	NO. OF SLABS/BOX	COVERAGE AREA	WEIGHT / BOX (APPX.)
1200X2400	01	2.88 m ²	60 kg.

TECHNICAL SPECIFICATIONS

S.No	Technical Characteristics	International Std. ISO 13006 /EN 14411 Group Bla Standard's Requirement	Kajaria Eternity Tile's Specification	Method of Testing
	Dimensions & Surface Quality			
1	Length	±0.6%	±0.1%	ISO 10545-2
2	Thickness	±5%	±5%	ISO 10545-2
3	Straightness of Sides	±0.5%	±0.1%	ISO 10545-2
4	Rectangularity	±0.5%	±0.1%	ISO 10545-2
5	Surface Flatness	±0.5%	±0.15%	ISO 10545-2
6	Surface quality	Min.95% tiles should be free from defects	Min.95% tiles free from defects	ISO 10545-2
	Physical Characteristics			
7	Water Absorption	E≤ 0.5 %	≤ 0.08 %	ISO 10545-3
8	MOH's Hardness	≥ 4	≥ 4	ISO 10545 -3
9	Moisture Expansion	nil	nil	ISO 10545-10
10	Abrasion Resistance	Declared by manufacturer	PEI 3~5 (Depends on product)	ISO 10545-7
	Mechanical Characteristics			
11	Flexural Strength (MOR)	≥ 35 N/mm ²	≥ 40 N/mm ² Test piece size (60x60 cm)	ISO 10545 -4
12	Breaking strength	≥ 1300 Newton	≥ 2000 Newton Test piece size (60x60 cm)	ISO 10545 -4
13	Impact resistance	Declared by manufacturer	No indentation or cracking	ISO 10545 -5
	Safety Characteristics			
14	Skid Resistance (Dynamic Friction Coefficient)	≥ 0.4	≥ 0.4 for matt ≥ 0.2 for polished	ISO 10545 -17
15	Density	≥ 2.0 gm/cc	> 2.3 gm/cc	DIN 51082
	Thermo Photo Characteristics			
16	Thermal Shock Resistance	Resistant to 10 cycles	Pass min 10 cycles	ISO 10545 -9
17	Crazing Resistance	In conformity with the Norms	Passed min 4 cycles at 7.5 kg/cm ² /168 °C	ISO 10545 - 11
18	Frost Resistance	Frost proof	Frost proof	ISO 10545 - 12
19	Coefficient of linear Thermal Expansion,	9x10 ⁻⁶ K ⁻¹	< 6x10 ⁻⁶ K ⁻¹	ISO 10545-8
20	Colour Resistance to UV light	Resistant	Resistant	ISO 10545 -16
	Chemical Characteristics			
21	Chemical Resistance Household Chemicals & Swimming Pool Salts	Min class- GB	Confirm to class-GA	ISO 10545 -13
22	Chemical Resistance Low Concentrations Acids & Alkalis	Min class- GLB	Confirm to class-GLA	ISO 10545 -13
23	Chemical Resistance High Concentrations Acids & Alkalis	Min class- GHB	Confirm to class-GHA	ISO 10545 -13
24	Stain Resistance	Min class-3	Min confirm to class -3	ISO 10545 -14

Resistance to acids & alkalis (Exception of Hydrofluoric acid & its compounds)

** 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.

* Applicable in Gailpur plant only.

- Colours in the catalogue are as accurate as printing process allows.
Please check actual tile sample before making the final selection.
- Sizes mentioned in the catalogue are nominal sizes only.
- No claim will be entertained once the tiles are fixed.
- For better laying, please follow the instructions on the packaging box.
- In case it is required to lay the tiles on wall or floor in STAGGERED PATTERN, then always lay them in Overlap 20:80 ratio, as shown in VISUAL 1 instead of Brick pattern (overlap 50:50 ratio), as shown in VISUAL 2.
- Please make sure to check the shade/finish with the sales agent/dealer before making the final purchase because there might be variation in actual finish and that shown in the catalogue.
The company will not bear any loss in such case.



VISUAL 1



VISUAL 2

