

PACKING DETAILS

Size (cm)	Thickness (mm)	Tiles / Box	Sqm/Box	Boxes/Pallet	Sqm/Pallet	Approx. Weight / Box (Kg)	Approx. Weight / Pallet (Kg)
30x60	8	5	0.90	60	54.00	18	1000

TECHNICAL SPECIFICATIONS

S.No	Technical Characteristics	ISO 13006:2018 Group B1b Standard's Requirement	Our Value	Test method
1.	Deviation in length & width	± 0.3 %	± 0.10 %	ISO 10545-2
2.	Deviation in thickness	± 5.0 %	± 4.00 %	
3.	Deviation in Straightness of sides	± 0.3%	± 0.10 %	
4.	Deviation in Rectangularity	± 0.3 %	± 0.10 %	
5.	Deviation in Surface Flatness	± 0.4 %	± 0.15 %	
6.	Surface quality	95% of the tiles shall be free from visible defects	95% of the tiles shall be free from visible defects	
7.	Modulus of rupture	Avg. 30 N/mm2, Individual Min 27 N/mm2	≥ 30 N/mm ²	ISO 10545-4
8.	Breaking strength	Minimum 1100 N	≥ 1100 N	ISO 10545-4
9.	Bulk Density	Minimum 2.00 g/cc	≥ 2.00 g/cc	IS 13630-2
10.	Glossiness	Manufacture to state the class	Min 5 for Rustic/Matt/Satin Finish Min 90 for Polish Finish	Glossimeter 60 degrees
11.	Water Absorption	0.5 < Eb ≤ 3 %	≤ 1.00 %	ISO 10545-3
12.	Resistance to surface abrasion of Glazed tiles	Report abrasion class and cycles passed	PEI-Class III to Class IV	ISO 10545-7
13.	Thermal expansion from ambient temperature to 100 ° C	Test method available	6x10 ⁻⁶ Maximum	ISO 10545-8
14.	Thermal shock resistance	Test method available	10 cycles Minimum	ISO 10545-9
15.	Moisture expansion	Maximum 0.02 Millimeter/metre Test method available	Maximum 0.02 millimeter/metre	IS 13630-3 ISO 10545-10
16.	Crazing resistance (Glazed Tiles)	Required	Passes 4 cycles at 7.5 kg/cm ²	ISO 10545-11
17.	Frost resistance	Required	100 cycles Minimum	ISO 10545-12
18.	Resistance to Household Chemicals & Swimming Pool Salts #	Minimum GB	Min GB	ISO 10545-13
19.	Resistance to low & high concentration of acids & alkalis #	Manufacturer to state classification	Min GLB,GHB	ISO 10545-13
20.	Stain resistance**	Min Class 3	Min Class 3	ISO 10545-14
21.	Slipperiness	Test method available	≥ R-10 for Rustic/Matt/Satin Finish ≥ R-9 for Polish Finish	DIN 51130:2014
22.	Co-efficient of friction	Manufacture to state the clas	> 0.34 for Rustic/Matt/Satin Finish > 0.20 for Polish Finish	ISO 10545-17
23.	Scratch hardness of surface(Moh's scale)	Test method available	Min 5	EN 101
24.	Impact Resistance	Test method available	No identification of cracking	ISO 10545-5

* Porcelain 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 & alkalis (Exception of Hydrofluoric Acid & its Compounds)

- 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

