

SPECIFICATIONS FLOOR TILES

Work Size		Coverage Area Per Box	No. of Tiles Per Box	Avg. Wt. Per Box (Kgs.)
Dimensions (in mm)	Thickness (in mm)			
200x1200mm (GRESTOUGH)	11.00	0.96 Sq. Mtr.	4 Pcs.	23.80

Comparison of Kajaria Tiles Parameters to International Standards B1b ISO-13006:2018-09					
S.No.	Characteristics	Group B1b ISO-13006:2018-09		Our Value	Method of Testing
		Nominal size (N) $N \geq 15$ cm Whichever is less is applicable			
		%	mm		
1	Deviation in Length & Width	± 0.3	± 1.0	± 1.0 mm	ISO-10545-2
2	Deviation in Thickness	± 5.0	± 0.5	± 0.5 mm	ISO-10545-2
3	Deviation in Straightness of Sides	± 0.3	± 0.8	± 0.8 mm	ISO-10545-2
4	Deviation in Rectangularity	± 0.3	± 1.5	± 1.5 mm	ISO-10545-2
5	Surface Flatness				
	a. Centre Curvature (max.)	± 0.4	± 1.8	± 1.8 mm	ISO-10545-2
	b. Edge Curvature (max.)	± 0.4	± 1.8	± 1.8 mm	ISO-10545-2
	c. Corner Warpage (max.)	± 0.4	± 1.8	± 1.8 mm	ISO-10545-2
6	Surface Quality	A min. 95% of the tiles are to be free from visible defects		A min. 95% of the tiles are to be free from visible defects	ISO-10545-2
7	Water Absorption	0.5% < Eb \leq 3.0% Ind. Max. 3.3%		2.0 - 3.0%	ISO-10545-3
8	Abrasion Resistance	Report abrasion class and cycles passed		PEI class 3 min.	ISO-10545-7
9	Modulus of Rupture N/mm ²	Min. 30, Individual min. 27		Min. 30, Individual min. 27	ISO-10545-4
10	Breaking Strength (in Newtons)	a. Thickness ≥ 7.5 mm, not less than 1100 b. Thickness < 7.5 mm, not less than 700		Thickness ≥ 7.5 mm, not less than 1100	ISO-10545-4
11	Crazing Resistance	Required		4 cycle at 7.5 bar min.	ISO-10545-11
12	Resistance to Staining	Min. class 3		Min. class 3	ISO-10545-14
13	Resistance to Chemical	Test method available		Resistant to specified chemicals	ISO-10545-13
14	Moisture Expansion in millimetres per metre	Test method available		Negligible	ISO-10545-10
15	Thermal Shock Resistance	Test method available		No damage	ISO-10545-9