

Work Size		Pieces / Box (nos.)	Coverage / Box (sq. mtrs.)	Weight / Sq. Mtr. (kgs.)
Dimensions (in mm)	Thickness (in mm)			
400x400mm (RECTIFICADO)	9.30	06	0.960	16.58

DIGITAL WALL TILES TECHNICAL SPECIFICATION GROUP - B III, ISO STANDARD 13006:2018 & IS 15622:2017

S.No.	Test Description	Standard Test Method	ISO Standard 13006:2018	IS 15622 :2017	Kajaria Standard
1	Deviation in length & Width	ISO 10545-2/ IS 13630 Part 1	Max. ±0.30%	Max. ± 0.20%	Max. ± 0.20%
2	Deviation in Thickness	ISO 10545-2 / IS 13630 Part 1	Max. ± 10.0%	Max. ± 5.0%	Max. ± 5.0%
3	Deviation in Straightness of Sides	ISO 10545-2 / IS 13630 Part 1	Max. ±0.30%	Max. ± 0.15%	Max. ± 0.15%
4	Deviation in Rectangularity	ISO 10545-2 / IS 13630 Part 1	Max. ±0.30%	Max. ± 0.20%	Max. ± 0.20%
5	Surface Flatness (Center& Edge curvature)	ISO 10545-2/ IS 13630 Part 1	Max. ± 0.40%	Max. ± 0.30%	Max. ± 0.30%
6	Warpage	ISO 10545-2 / IS 13630 Part 1	Max. ± 0.40%	Max. ± 0.30%	Max. ± 0.30%
7	Surface Quality	ISO 10545-2 / IS 13630 Part 1	Min 95% free from visible defects	Min 95% free from visible defects	Min 95% free from visible defects
8	Water Absorption	ISO 10545- 3 / IS 13630 Part 2	Average ≥ 10 %	Average ≥ 10 %	Average ≥ 10 %
9	Moisture Expansion	ISO 10545-10 / IS 13630 Part 3	Test Method Available	0.04 mm/m Max	0.01 mm/m Max
10	Linear Termal Expansion	ISO 10545-8 / IS 13630 Part 4	Test Method Available	≤9X10 ⁻⁶ K ⁻¹	≤9X10 ⁻⁶ K ⁻¹
11	Thermal Shock Resistance	ISO 10545-9/ IS 13630 Part 5	Test Method Available	10 Cycle Min	10 Cycle Min
12	Breaking Strength	ISO 10545-4/IS 13630 Part 6	≥ 600 N	≥ 600 N	≥ 700 N
13	Modulus of Rupture	ISO 10545-4 / IS 13630 Part 6	≥ 12. N/mm ²	≥ 12 N/mm ²	≥ 18 N/mm ²
14	Resistance to Chemical	ISO 10545- 13 /IS 13630 Part 8	Min Class B	Min Class AA	Min Class AA
15	Resistance to stain	ISO 10545-14 / IS 13630 Part 8	Min Class 3	Min Class 1	Min Class 1
16	Crazing Resistance	ISO 10545-11 / IS 13630 Part 9	Required	Min. 4 cycles @ 7.5 bar	Min. 4 cycles @ 7.5 bar
17	Resistance to Surface Abrasion	ISO 10545-7 / IS 13630 Part 11	Report Abrasion Class And cycle passed	Min Class II	Min Class II
18	Scratch Hardness (Moh,s scale)	IS 13630 Part 13	NA	Min 3	Min 3
19	Impact Resistance(COR)	ISO 10545-5 / IS 13630 Part 14	Test Method Available	0.55 Min	0.68 Min
20	Frost Resistance	ISO 10545-12/ IS 13630 Part 10	Test Method Available	NA	100 Cycle Passed
21	Lead and Cadmium Release	ISO 10545-15	Test Method Available	NA	Cd - <1 ppm , Pb - 48 ppm