

SPECIFICATIONS

Work Size		Avg. Wt. Per Box (Kgs.)	No. of Tiles Per Box	Coverage Area Per Box
Dimensions (in mm)	Thickness (in mm)			
800x1200mm (Rectified)	12.00	51.00	2 Pcs.	1.92 Sq. Mtr.

International Standards Bih ISO-13006 and Kajaria tiles values						
	S.No.	Characteristics	International Standards		Our Value	Method of Testing
			Nominal size (N) N ≥ 15 cm			
			%	mm		
	1	Deviation in Length & Width	0.6	± 2.0	± 1.0 mm	ISO-10545-2
	2	Deviation in Thickness	± 5	± 0.5	± 0.5 mm	ISO-10545-2
	3	Deviation in Straightness of Sides	± 0.5	± 1.5	± 0.8 mm	ISO-10545-2
	4	Deviation in Rectangularity	± 0.5	± 2.0	± 2.0 mm	ISO-10545-2
	5	Surface Flatness				
		a. Centre Curvature (max.)	± 0.5	± 2.0	± 1.5 mm	ISO-10545-2
		b. Edge Curvature (max.)	± 0.5	± 2.0	± 1.5 mm	ISO-10545-2
		c. Corner Warpage (max.)	± 0.5	± 2.0	± 1.5 mm	ISO-10545-2
	6	Surface Quality	Min 95% free from visible defects		Min 95% free from visible defects	ISO-10545-2
	7	Water Absorption	0.5 - 3.0% (Indv. Max. 3.3%)		2.0 - 2.5% (Max. 3.0%)	ISO-10545-3
	8	Abrasion Resistance	Report abrasion class		PEI class 3 min.	ISO-10545-7
	9	Modulus of Rupture N/mm ²	Avg. 30, Individual min. 27		Avg. 30, Individual min. 27	ISO-10545-4
	10	Breaking Strength (Thickness > 7.5 mm)	1100 N min		2200 N min.	ISO-10545-4
	11	Crazing Resistance	Required		4 cycle at 7.5 bar	ISO-10545-11
	12	Chemical Resistance	No damage		No damage	ISO-10545-13
	13	Thermal Shock Resistance	No damage		No damage	ISO-10545-9
	14	Resistance to Household Chemicals	Min. GB		No damage	ISO-10545-13
	15	Resistance to Staining	Min. class 3		No staining	ISO-10545-14

SPECIFICATIONS

Work Size		Pieces/box	"Coverage/box (m ²)	"Weight/box (Kgs.) (Approx)
Dimensions (in mm)	Thickness (in mm)			
200x1000mm (Rectified)	11	5	1.00	25.00
200x1200mm (Rectified)	11	4	0.96	23.00

International Standards Bib ISO-13006:2012 and Kajaria tiles values							
	S.No.	Characteristics	International Standards ISO 13006:2012			Our Value	Method of Testing
			%	200x1000mm	200x1200mm		
	1	Deviation in Length & Width The deviation in percent of the average size of each tile (2 or 4 sides) from the work size Sw	± 0.6	± 1.2 / ± 2.0 mm	± 1.2 / ± 2.0 mm	Max. ± 0.1%	ISO: 10545-2
	2	Deviation in Thickness	± 5.0	± 0.5		Max. ± 5.0%	ISO: 10545-2
	3	Deviation in Straightness of Sides	± 0.5	± 1.0 / ± 1.5	± 1.0 / ± 1.5	Max. ± 0.1%	ISO: 10545-2
	4	Deviation in Rectangularity	± 0.5	± 1.0 / ± 2.0	± 1.0 / ± 2.0	Max. ± 0.1%	ISO: 10545-2
	5	Surface Flatness					
		a. Centre Curvature (max.)	± 0.5	± 2.0	± 2.0	± 1.5mm	ISO: 10545-2
		b. Edge Curvature (max.)	± 0.5	± 1.0 / ± 2.0	± 1.0 / ± 2.0	± 0.5mm / 1.5mm	
		c. Warpage (max.)	± 0.5	± 2.0		± 2.0mm	
	6	Surface Quality	Min 95% free from visible defects			Min. 95% free from visible defects.	ISO: 10545-2
	7	Water Absorption	Avg. 3 < E < 6%. Individual max. 6.5%			3.0 - 4.5%, Individual. Max 5%	ISO: 10545-3
	8	Breaking Strength (thickness ≥ 7.5)	Not less than 1000 N			Min 1500 N	ISO: 10545-4
	9	Modulus of Rupture N/mm ²	Min. 22, Individual Min. 20			Min. 22, Individual Min. 20	ISO: 10545-4
	10	Abrasion (Surface) Resistance	Report abrasion class and cycles passed			Min. 3	ISO: 10545-7
	11	Crazing Resistance	Required			4 cycles passed at 7.5 bar	ISO: 10545-11
	12	Chemical Resistant					
		a. Resistance to house hold chemical and swimming pool salts	Min. GB			No Damage	ISO: 10545-13
		b. Resistance to low concentration of acids & alkalis	Manufacture is to state classification			No Damage	ISO: 10545-13
		c. Resistance to high concentration of acids & alkalis	Test Method Available			No Damage	ISO: 10545-13
	13	Thermal Shock	Test Method Available			Min. 10 cycles	ISO: 10545-9
	14	Resistance to Staining	Class 3, min			Resistant to Staining	ISO: 10545-14