

## Technical Specification

SR. NO.	PROPERTY	INTERNATIONAL STD. ISO 13006/EN 176 GROUP BAL	OUR VALUE	METHOD OF TESTING
1	Deviation In Length	± 0.60%	± 0.10%	ISO 10545 - 2
2	Deviation In Thickness	± 5.00%	± 2.00%	ISO 10545 - 2
3	Straightness of Sides	± 0.50%	± 0.10%	ISO 10545 - 2
4	Rectangularity	± 0.60%	± 0.20%	ISO 10545 - 2
5	Surface Flatness	± 0.50	± 0.20	ISO 10545 - 2
6	Water Absorption	< 0.05%	< 0.05%	ISO 10545 - 2
7	Mohs Hardness	> 6	> 6	EN 101
8	Flexural Strength	> 35 N/mm <sup>2</sup>		ISO 10545 - 4
9	Abrasion Resistance	> 175 mm <sup>2</sup> %	> 144 mm <sup>2</sup>	ISO 10545 - 6
10	Skid Resistance	> 0.4 %	> 0.4 %	ISO 10545 - 17
11	Breaking Strength	1113 N %	>2500 N	ISO 10545 - 4
12	Density (g/cc)	> 2	2.3	ISO 10545 - 3
13	Frost Resistance	Frost Proof	Frost Proof	ISO 10545 - 12
14	Chemical Resistance	No damage	No damage	ISO 10545 - 13
15	Thermal Shock Resistance	No damage	No damage	ISO 10545 - 9
16	Colour Resistance	No damage	No damage	DIN 51094
17	Thermal Expansion	< 9 x 10 <sup>6</sup>	< 6 x 10 <sup>6</sup>	ISO 10545 - 8
18	Stain Resistance	Resistance	Resistance	DIN 51094
19	Moisture Expansion	Nil	Nil	DIN 51094
20	Glossiness	-	-	Glossmeter

## Packing Details

Size	Normal Thickness	No. of Tiles/Box	Coverage Area	Wt. of Box
600x1200mm	10 mm (approx.)	2 pcs.	1.44 Sq.Mtr (15.50 Sq.Ft)	-- kgs. (approx.)
600x600mm	8.0 mm (approx.)	4 pcs.	1.44 Sq.Mtr (15.50 Sq.Ft)	-- kgs. (approx.)
400x400mm	10 mm (approx.)	5 pcs.	0.80 Sq.Mtr (8.61 Sq.Ft)	-- kgs. (approx.)
300x300mm	9.0 mm (approx.)	8 pcs.	0.72 Sq.Mtr (7.75 Sq.Ft)	-- kgs. (approx.)

## Application Areas

