

TECHNICAL SPECIFICATION



Characteristics	Standards	Standard Value	Pavit Value 600x600 x 10mm	Pavit Value 600x600 x 16mm
Deviation length / width	ISO- 10545-2	± 0.6%	± 0.2 %	± 0.2 %
Thickness	ISO- 10545-2	± 5.0 %	± 4.0%	± 4.0%
Water absorption	ISO- 1054-2	<0.5%	<0.5%	<0.5%
MOH's hardness	EN 101	Min 6	7	7
Breaking strength	ISO- 10545-4	1300 N	> 2000 N	> 7500 N
Modulus of rupture	ISO -10545-4	>35 N/mm ²	> 40 N/mm ²	> 37 N/mm ²
Deep abrasion resistance	ISO-10545 -6	Max 175mm ³	< 132 mm ³	< 132 mm ³
Impact Resistance	As Per Manufacturer	Min 0.55	Min 0.55	Min 0.55
Acid resistance	IS 4457;2007(4G)	< 1.5%	< 0.50%	< 0.50%
Skid resistance	ASTM 1028 *	> 0.4	> 0.6	> 0.6
Stain resistance	ISO -10545-14	Resistant	Resistant	Resistant
Moisture expansion	ISO-10545-10	Nil	Nil	Nil
Frost resistance**	ISO-10545-12	Resistant	Resistant	Resistant
Density	DIN 51082	2.2 gm/cc	> 2.30 gm/cc	> 2.30 gm/cc
Colour resistance to light	ISO- 10545-16	No damage	Colour Does not fade	Colour Does not fade
Linear thermal expansion	ISO- 10545-8	< 9 x10 ⁶	< 6.0 x10 ⁶	< 6.0 x10 ⁶
Thermal shock resistance	ISO 10545-9	No damage	No damage	No damage
Straightness of sides	ISO- 10545-2	± 0.5 %	± 0.2%	± 0.2%
Rectangularity	ISO- 10545-2	± 0.6%	± 0.2%	± 0.2%

* The declared results in this table are as per the PCPL lab from the particular batch. The values are indicative in nature and purchaser may ask for MTR of their supply. In such case charges for testing will be levied on the purchasing party.

** All these tests apply for overseas customers but may not be relevant in Indian context.



Packing Details

* ± 2% variation in weight of the box is expected

Size in mm	Thickness	Pc/Box	Coverage area Square Meters	Wt./Box in Kgs.(Appr.)
600 x 600 mm	10 mm	04 Nos.	1.44	33.000 kg.
600 x 600 mm	16 mm	02 Nos.	0.72	26.000 kg.

There may be a difference in the colors, please see the actual tiles before taking a decision on colors • Size/Shade variation is inherent property of all vitrified tile and should not be considered as manufacturing defect • It is highly recommended to keep min 8mm gap between the tile while fixing • It is advised to see the dry run of the tiles before fixing the tiles. • No claims of what so ever are entertained after fixing of the tiles as per the International norms.