

TECHNICAL SPECIFICATION

Sr. No.	Pictogram	Property	International Std. ISO 13006/EN 178 Group	GVT Tiles Value	Method of Testing
1		Deviation in length	+/-0.6%	+/-0.3%	ISO 10545 Pt 2
2		Deviation in thickness	+/-5%	+/-3%	ISO 10545 Pt 2
3		Straightness of sides	+/-0.5%	+/-0.1%	ISO 10545 Pt 2
4		Rectangularity	+/-0.6%	+/-0.2%	ISO 10545 Pt 2
5		**Surface flatness	+/-0.5%	+/-0.2%	ISO 10545 Pt 2
6		Water absorption	<0.5%	<0.05%	ISO 10545 Pt 3
7		*Mohs hardness	>6	>6	EN 101
8		Flexural strength	>35N/mm ²	≥46N/mm ²	ISO 10545 Pt 4
9		Abrasion resistance	<175 mm ²	<144 mm ³	ISO 10545 Pt 6
10		**Skid resistance (Friction co efficient)	>0.4	>0.4	ISO 10545 Pt 17
11		Breaking strength	1113 N	2800 N	ISO 10545 Pt 4
12		Frost resistance	Frost proof	Frost proof	ISO 10545 Pt 12
13		Chemical resistance	No Damage	No Damage	ISO 10545 Pt 13
14		Thermal shock resistance	No Damage	No Damage	ISO 10545 Pt 9
15		Colour resistance	No Damage	No Damage	DIN 51094
16		Stain resistance	Resistance	Resistance	ISO 10545-14
17		Moisture expansion	Nil	Nil	ISO 10545-10
18		**Glossiness	-	Min.80% reflection	Glossmeter
19		Resistance to Surface Abrasion (of tiles Intended for use on Floors)***	Abrasion class shall be specified by the manufacturer	PEI Group V	ISO-10545-7 IS:13630-11