

TECHNICAL SPECIFICATIONS - GLAZED VITRIFIED TILES

CHARACTERISTIC	TEST METHOD	INTERNATIONAL STD ISO 13006/EN 176 GROUP B1a	QSEC VALUE
DIMENSION & SURFACE QUALITY			
Deviation In Length	ISO-10545-2	±0.6%	±0.2%
Deviation In Thickness	ISO-10545-2	±5%	±3%
Straightness of Sides	ISO-10545-2	±0.5%	±0.2%
Rectangularity	ISO-10545-2	±0.6%	±0.2%
Surface Flatness	ISO-10545-2	±0.5%	±0.2%
PHYSICAL & THERMAL PROPERTIES			
Water Absorption	ISO-10545-3	<0.50%	<0.40%
Mohs Hardness	EN-101	Min.5	Min.5
Flexural Strength	ISO-10545-4	>35 N/mm2	>40N/mm2
Skid Resistance (Friction Coefficient)	ISO-10545-17	>0.4	>0.4
Breaking Strength	ISO-10545-11	>1113 N	>1800N
Frost Resistance	ISO-10545-12	Frost Proof	Frost Proof
Thermal Shock Resistance	ISO-10545-9	No Damage	No Damage
Moisture Expansion	ISO-10545-10	NIL	NIL
Resistance to Surface Abrasion	ISO-10545-7	Abrasion class shall be specified by the manufacturer	PEI IV & V
CHEMICAL PROPERTIES			
Chemical Resistance	ISO-10545-13	No Damage	No Damage
Color Resistance	ISO-10545-16	No Damage	No Damage
Stain Resistance	ISO-10545-14	Resistant	Resistant

PACKING DETAILS

Dimension (MM)	Box			
	Pieces	Sq. Mtr.	Sq. Feet	Weight (Apx.)
600 x 600 MM	4	1.44	15.50	28 Kgs.

DISCLAIMER : Qsec Tiles reserves the right to delete and amend wither totally or partially, any of the colors, shapes, sizes, reference and other technical specifications contained in this catalogue at anytime. The colors shown of tiles in this catalogue are purely illustrative and limited to printing process, please refer actual sample before final selection. The details of sizes, colors, reference should be verified for typographical errors.