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TECHNICAL SPECIFICATIONS

GLAZED VITRIFIED TILES



CHARACTERISTIC	TEST METHOD	INTERNATIONAL STD ISO 13006/EN 176 GROUP Bla	Italica VALUE
DIMENSION & SURFACE QUALITY			
Deviation in Length	ISO-10545-2	±0.6%	±0.2%
Deviation in Thickness	ISO-10545-2	±5%	±4 %
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 & THREMAL PROPERTIES			
Water Absorption	ISO-10545-3	Italica value <0.5%	<0.2%
Breaking Strength	ISO-10545-11	> 1300 N	> 1800 N
Flexural Strength (Modulus of Rupture)	ISO-10545-4	> 35 N/mm2	> 40 N/mm2
Mohs Hardness	EN-101	Depends on the product	Min. 4 (Polished/Satin/Glamour)
			Min. 5
			(Matt/Fusion/Converse/Dazzle/Dazzy/Metox
			/Stonelo/Textura/Nutech/wood legacy)
Resistance to Surface Abrasion	ISO-10545-7	Depends on the product	Min. 6 (Gritty/Grezzo RIO)
			PEI II (Glamour)
			PEI III (Polished/Satin/Dazzle/Dazzy/Nutech)
			PEI III / IV (Matt/Fusion/Converse/
Skid Resistance (Slip Resistance)	ISO-10545-17	Depends on the product	Metox/Stonelo/Textura/wood legacy)
			PEI V (Gritty / Grezzo RIO)
			< R9 (Polished/Satin/Glamour)
			R9
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
CHEMICAL PROPERTIES			
Resistance to low concentrations of acids and alkalis	ISO-10545-13	No Damage	GLA
Resistance to high concentrations of acids and alkalis	ISO-10545-13	No Damage	GHA
Resistance to household chemicals	ISO-10545-16	No Damage	Minimum GB
Resistance to Staining	ISO-10545-14	No Damage	Class 3

DISCLAIMER: Italica 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 any time. 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.

PACKING DETAILS

Dimension (MM)	Box		
	Pieces	Sq. Mtr.	Sq. Feet
600x1200mm	2	1.44	15.5