



ITALICA GRANITO PRIVATE LIMITED

Polished Glazed Vitrified Tiles (Polished Tiles)

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	TEST METHOD	INTERNATIONAL STD	ITALICA VALUE
		ISO 13006/EN 176 (GROUP BIa)	
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 & THERMAL PROPERTIES			
Water Absorption	ISO-10545-3	<0.5%	<0.2%
Breaking Strength	ISO-10545-11	>1300 N	>1800 N
Flexural Strength (Modulus of Rupture)	ISO-10545-4	>35 N/mm ²	>38 N/mm ²
Mohs Hardness	EN-101	Depends on the product	Min. 3
Resistance to Surface Abrasion	ISO-10545-7	Depends on the product	PEI III
Skid Resistance (Friction Coefficient)	ISO-10545-17	-	< 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 Acid and Alkalies	ISO-10545-13	No Damage	No Damage
Resistance to household chemicals	ISO-10545-16	No Damage	Minimum GB
Color Resistance	ISO-10545-16	No Damage	No Damage
Stain Resistance	ISO-10545-14	Resistant	Resistant