












Technical Specification

Type : Nano Soluble Salt Porcelain Tile
 Size : 60x60cm
 Surface : Polished
 Design Name : 8016

CHARACTERISTICS		ISO TEST METHODS	VITRIFIED TILES REQUIREMENT AS PER ISO 13006 Bla / EN176 Bla	VITRIFIED TILES IS 15622 : 2006 GROUP Bla	TIEIC VALUE
A Regulatory Properties					
	Deviation in Length & Width	ISO 10545-2	+/- 0.6 %	+/- 0.1 %	+/- 0.1 %
	Deviation in Thickness	ISO 10545-2	+/- 5.0 %	+/- 4.0 %	+/- 3.5 %
	Straightness of sides	ISO 10545-2	+/- 0.5 %	+/- 0.1 %	+/- 0.08 %
	Rectangularity	ISO 10545-2	+/- 0.6 %	+/- 0.1 %	+/- 0.1 %
	Surface Flatness	ISO 10545-2	+/- 0.5 %	+/- 0.2 %	+/- 0.2 %
	Color Difference	ISO 10545-2	Unaltered	Unaltered	No Change
B Physical Properties					
	Water Absorption	ISO 10545-3	<= 0.5 %	<= 0.08 %	<0.05%
	Flexural Strength (MOR)	ISO 10545-4	>= 35 N mm ²	>= 44 N mm ²	>= 44 N mm ²
	Flexural Breaking Strength	ISO 10545-4	> 1300 N	> 1500 N	1900 N
	Mohs Hardness	EN 101	>= 6	>= 6	7
	Non Slip Classification	DIN 51130	R Value	R Value	NA
	Slip Resistance Coefficient of Friction	ISO 10545-17	>= 0.4	>= 0.4	NA
	Surface Abrasion Resistance	ISO 10545-7	Class	Class	NA
C Chemical Properties					
	Stain Resistance	ISO 10545-14	Resistant	Resistant	Resistant
	Chemical Resistance	ISO 10545-13	No Change	No Change	No Change
	Gloss Value	ISO 10545-13	A.P.M.	A.P.M.	90-95%
D Thermal Properties					
	Frost Resistance	ISO 10545-12	No Damage	No Damage	No Damage
	Thermal Shock Resistance	ISO 10545-9	No Change	No Change	Passed
	Thermal Expansion	ISO 10545-8	9x10 ⁻⁶ Max	9x10 ⁻⁶ Max	Passed
	Moisture Expansion	ISO 10545-10	Nil	Nil	Passed