












Technical Specification

Type : Glazed Porcelain Tile
 Size : 60x60x2cm, 60x90x2cm, 60x120x2cm
 Surface : Matt
 Design Name : KUNAR

CHARACTERISTICS		ISO TEST METHODS	VITRIFIED TILES REQUIREMENT AS PER ISO 13006 Bla / EN14411 Bla	TIEIC VALUE : Polished Surface
A Regulatory Properties				
	Deviation in Length & Width	ISO 10545-2	+/- 0.5 %	+/- 0.1 %
	Deviation in Thickness	ISO 10545-2	+/- 5.0 %	+/- 5.0 %
	Straightness of sides	ISO 10545-2	+/- 0.5 %	+/- 0.1 %
	Rectangularity	ISO 10545-2	+/- 0.6 %	+/- 0.1 %
	Surface Flatness	ISO 10545-2	+/- 0.5 %	+/- 0.2 %
	Color Difference	ISO 10545-2	Unaltered	No Change
	Glossiness	Glossometer	As per mfg	min 90%
B Physical Properties				
	Water Absorption	ISO 10545-3	<= 0.5 %	<= 0.20 %
	Flexural Strength (MOR)	ISO 10545-4	>= 35 N mm ²	>= 44 N mm ²
	Flexural Breaking Strength	ISO 10545-4	> 1300 N	> 1500 N
	Impact Resistance	ISO 10545-5	As per mfg	Min 0.55
	Mohs Hardness	EN 101	As per mfg	>= 6
	Non Slip Classification	DIN 51130	As per mfg	R11
	Slip Resistance Coefficient of Friction	ISO 10545-17	As per mfg	>= 0.75
	Surface Abrasion Resistance	ISO 10545-7	As per mfg	Min Class 5
C Chemical Properties				
	Stain Resistance	ISO 10545-14	Resistant	Resistant
	Chemical Resistance	ISO 10545-13	No Change	No Change
D Thermal Properties				
	Frost Resistance	ISO 10545-12	No Damage	No Damage
	Thermal Shock Resistance	ISO 10545-9	No Change	No Change
	Thermal Expansion (COE)	ISO 10545-8	9x10 ⁻⁶ Max	6.5x10 ⁻⁶ Max
	Moisture Expansion	ISO 10545-10	Nil	Nil