

TECHNICAL SPECIFICATION

CHARACTERISTICS	STANDARD AS PER ISO - 13006/EN14411 GROUP BLA	MEAN VALUE OF EMMEKER, ARAKAR	TEST METHOD
A. REGULAR PROPERTIES			
Deviation In Length & Width	± 0.50%	± 0.10%	ISO 10545-2
Deviation In Thickness	± 5.00%	± 2.00%	ISO 10545-2
Straightness Of Sides	± 0.50%	± 0.10%	ISO 10545-2
Rectangularity	± 0.50%	± 0.10%	ISO 10545-2
Surface Flatness	± 0.50%	± 0.10%	ISO 10545-2
Colour Difference	Unaltered	No Change	ISO 10545-16
Glossiness	As Per Surface Or Product	Min. 70%	Glossometer
B. STRUCTURAL PROPERTIES			
Water Absorption	= 0.50%	= 0.05%	ISO 10545-3
Apparent Density	> 2.00 GM/CC	> 2.28 Gm/cc	DIN 51082
C. MASSIVE MECHANICAL PROPERTIES			
Flexural Modulus Of Rupture	Min. 38 N/mm ²	Min. 40 N/mm ²	ISO 10545-4
Flexural Breaking Strength	Min. 1800 N	Min. 2000 N	ISO 10545-4
Impact Resistance	As Per Manufacture	Min. 0.55	ISO 10545-5
D. SURFACE MECHANICAL PROPERTIES			
Deep Abrasion Resistance	Max. 175mm ³	Max. 132mm ³	ISO 10545-6
Moh' S Hardness	-	5*	EN 101
E. THERMO HYDROMETRIC PROPERTIES			
Frost Resistance	No Damage	Frost Proof	ISO 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO 10545-9
Moisture Expansion	Nil	Nil	ISO 10545-10
Thermal Expansion	Max. 9.00×10 ⁻⁶	Max. 9.00×10 ⁻⁶	ISO 10545-8
F. CHEMICAL PROPERTIES			
Chemical Resistance	No Damage	No Damage	ISO 10545-13
Stain Resistance	Resistant	Resistant	ISO-10545-14
G. SAFETY PROPERTIES			
Slip Resistance (friction Co-efficient)	> 0.40	> 0.40	ISO 10545-17

SIZES	THICKNESS (Approx.)	NO. TILES PER BOX	COVERAGE AREA PER BOX	WEIGHT PER BOX (Approx.)
1200x1800mm	9.0mm	2 pcs.	46.50 sq. Ft. / 4.32 sq. mtr.	89.50 kg
800x1600mm	9.0mm	2 pcs.	27.55 sq. Ft. / 2.56 sq. mtr.	51.00 kg
600x1200mm	9.0mm	2 pcs.	15.50 sq. Ft. / 1.44 sq. mtr.	27.50 kg