

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	STANDARD AS PER ISO-13006/ En14411 GROUP	VALUES	TEST METHOD
Regulatory Properties			
Deviation in Length & Width	±0.5%	±0.2%	ISO - 10545-2
Deviation in Thickness	±5.0%	±5.0%	ISO - 10545-2
Straightness of Sides	±0.5%	±0.2%	ISO - 10545-2
Rectangularity	±0.5%	±0.2%	ISO - 10545-2
Surface Flatness	±0.5%	±0.2%	ISO - 10545-2
Colour Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter
Structural Properties			
Water Absorption	≤0.05%	≤0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082
Massive Mechanical Properties			
Modulus of Repture	Min 35N/mm ²	Min 40N/mm ²	ISO - 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO - 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO - 10545-5
Surface Mechanical Properties			
Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101
Thermo Hygrometric Properties			
Frost Resistance	No Damage	No Damage	ISO - 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO - 10545-09
Moisture Expansion	Nil	Nil	ISO - 10545-10
Thermal Expansion	Max. 9.0 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min. 10 Cycle	ISO - 10545-11
Chemical Properties			
Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14
Safety Properties			
Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

Packing Details

Dimension (mm)	Slab	Square Feet	Thickness	Weight (Approx)
1200 x 2400mm	1	31.00	9mm	61 Kgs