

TECHNICAL SPECIFICATION

Dimensions and Surface Quality	Test Method	Require	Result
Deviation in Length (l) & Width (w)	ISO 10545 - 2	± 1 mm	0.00 mm
Thickness	ISO 10545 - 2	± 0.5 mm	0.00 mm
Straightness of sides	ISO 10545 - 2	± 0.8 mm	0.09 mm
Rectangularity	ISO 10545 - 2	± 1.5 mm	0.11 mm

Physical Property

Water Absorption %	ISO 10545 - 3	Less then 0.5	0.044 %
Breaking Strength	ISO 10545 - 4		7194.95 N
Modulus of Rupter (MOR)N/mm’	ISO 10545 - 4	35	49.06 N/mm2
Resistance to surface abrasion	ISO 10545 - 7	± 1.5 mm	PEI Class -III 1500 Revolution pass
Coefficient of Liner Thermal Expansion	ISO 10545 - 8	9X10-6 Max	5.51x10-6
Thermalshock Resistance	ISO 10545 - 9	1 0 Cycle, Min	Confirm
Crazing Resistance	ISO 10545 - 11	No Crazin in Two Cycle	Confirm
Moisture Expansion (in mm/mm)	ISO 10545 - 10	0.02 mm/m max	0.01 mm/m max
Impact resistance	ISO 10545 - 5	0.55 Min	0.78
Scratch hardness of Surface	ISO 13630 - 13	5 moh’s scale	5 Moh’s
Bulk density, lin (g/cc)	ISO 10545 - 3	2.2 m’n	2.2903 glcc

Chemical Property

Resistance to Stain	ISO 10545 - 14	Min Class - 3	Class - 5
Resistance to Low Concentration of acid and alkali	ISO 10545 - 13	Min Class - GLC	Class GLA

Packaging Details:

SIZE	THICKNESS	FINISH
600x1200mm	10 mm	Matt
600x1200mm	10 mm	Polish

AVG WEIGHT	NO .TILES/BOX	COVERAGE/BOX
600x1200mm	10 mm	Matt
600x1200mm	10 mm	Polish