

keramylth

TECHNICAL SPECIFICATION

SRNO.	CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BLA	OUR VALUE	TEST METHOD
A. REGULATORY PROPERTIES				
	Deviation in length & width	±0.5 %	±0.1 %	ISO-10545-2
	Deviation in thickness	±5.0 %	±4.0 %	ISO-10545-2
	Straightness in side	±0.5 %	±0.1 %	ISO-10545-2
	Rectangularity	±0.5 %	±0.1 %	ISO-10545-2
	Surface flatness	±0.5 %	±0.2 %	ISO-10545-2
	Color difference	Unaltered	No change	ISO-10545-16
	Glossiness	As per mfg	Min 4%	GLOSSOMETER
B. STRUCTURAL PROPERTIES				
	Water absorption	≤ 0.05 %	≤ 0.05 %	ISO-10545-3
	Apparent density	> 2.0 g/cc	> 2.10 g/cc	DIN 51082
C. MASSIVE MECHANICAL PROPERT IES				
	Modulus of rupture	Min. 35 N/mm2	Min. 40 N/mm2	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
D SURFACE MECHANICAL PROPERT IES				
	Surface abrasion resistance	As per mfg	Min. Class-4	ISO-10545-7
	MOH's hardness	As per mfg	Min. 5	EN 101
E. THERMO HYGROMETRIC PROPER TIES				
	Frost resistance	No damage	No damage	ISO-10545-12
	Thermal shock resistance	No damage	No damage	ISO-10545-9
	Moisture expansion	Nil	Nil	ISO-10545-10
	Thermal expansion (COE)	Max. 9.0 x 10 ⁻⁶	Max. 6.5 x 10 ⁻⁶	ISO-10545-8
	Crazing resistance	As per mfg	Min. 10 Cycle	ISO-10545-11
F. CHEMICAL PROPERTIES				
	Chemical resistance	No damage	No damage	ISO-10545-13
	Stain resistance	Resistant	Resistant	ISO-10545-14
G SAFETY PROPERTIES				
	Slip resistance	As per mfg	> 0.40	ISO-10545-17
	Fire resistance	As per mfg	Fireproof	N. A.
	Lead & Cadmium given off by glazed tiles	As per mfg	Does not yield Pb & Cd	ISO-10545-15

PACKING DETAIL

Size	Normal Thickness	No. Of Tiles / Box	Coverage Area	Weight Per Box
300 x 600 mm	9.0 mm (Approx.)	5 Pcs.	0.90 Sq. Mtr.	18.00 Kg. (Approx)

NOTE : Certain amount of size and shade variation is inherent in all ceramic products • Our conformity to the above standards is applicable only for Premium Quality. • Colours shown are as accurate as the limitations of the printing process will allow. • Prospective customers are advised to inspect a sample of the tile before ordering. • Every effort has been made to ensure the accuracy of the information given. However, the company reserves the right to change the specification without prior notice. • Sometimes variations in shade or size being inherent to ceramic industry may occur. It is suggested to check the tiles before purchase and laying as the company does not accept responsibility once the tiles are laid.