

TECHNICAL CHARACTERISTICS

1	Regulatory Properties	Deviation in Length & weidth	±0.5%
		Deviation in Thickness	±5.0%
		Straightness of sides	±0.5%
		Rectangularity	±0.5%
		Surface flatness (Curvature & Warpage)	±0.5%
2	Structural Properties	Water Absorption	≤0.5%
		Apperent Density	>2.28gm/cc
3	Massive Mechanical Properties	Flexural Modulus of Rupture(MOR)N/mm ²	Min 42N/mm ²
		Flexual Breaking strength	1300 N
		Impact resistance	Min 0.55
4	Surface Mechanical Properties	Deep Abrasion Resistance	Max 175mm ³
		Moh's hardness	Min 6
		Surface Abrasion resistance	Min Class IV
5	Thero Hydrometric Properties	Frost Resistance	No Damage
		Thermal shock resistance	No Damage
		Moisture Exansion	NIL
		Thermal Expansion	Max 9.0 x 10 ⁻⁶
		Crazing resistance	NA
6	Chemical Properties	Chemical Resistance	No Damage
		Stain Resistance	Resistant
7	Safety	Slip Resistance	>0.40
		(Fricton Co Efficient)	