## **ACFAPLUS**®



صديق للبيئة **Eco Friendly** 



مقاوم للعفن **Mould Resistant** 



مقاوم للحريق **Fire Resistant** 



مقاوم للماء **Water Resistant** 

SI. No.	Product Characteristics	Requirement	Performance
	Dimensional Tolerances:		
1	Thickness (mm) Up to 5 mm 5 mm to 10 mm 10 mm to 16 mm 16 mm to 20 mm	± 0.5 mm ±1.0 mm ± 1.3 mm ±1.5 mm	Within Standard
2	Length (mm)	±0.5% ± 6 mm (max)	Within Standard
3	Width (mm)	±0.5% ±6 mm (max)	Within Standard
4	Straightness of edges-mm/m	2.6(max)	
5	Squareness of edges-mm/m	2.6 (max)	
	Physical Properties :		
6	Category as per Standard	Type A	Туре А
7	Grade as per MOR	Grade-II	Grade - II
8	MOR at Wet Condition (in MPa ) Minimum	7	> 9
9	Density, Kg/m3	1300±5%	1300±50kg
10	Water Absorption (48 hrs. Test) %	≤33%	<5%
11	Moisture Movement (mm/m)	< 0.05	0.01
12	Freeze-Thaw Performance -Observation Strength Retention	No deleterious effect ≥50 Cycles	Internal report
13	Heat / Rain test -Observation Structural Alternation	No Visible Cracks ≥50 Cycles	Internal report
14	Warm Water Test -Observation Strength Retention	No deleterious effect ≥50 Cycles	Internal report
15	Surface Burning Characteristics-As per ASTM E 84-21a (9&18) mm Board	Flame spread Index = 0 Smoke developed Index ≤5	Passes the requirement