

TECHNICAL & PHYSICAL SPECIFICATIONS



صديق للبيئة
Eco Friendly



عازل للحرارة
Heat Insulation



تركيب سريع
Quick Installation



سهل التركيب
Simple construction

Sl. No.	Product Characteristics	Performance
1	Panel Weight [kg]	
	100MM 150MM	70-80 90-100
2	Axial Load Bearing	≥3.5
3	Bending Damage Load [Panel Weight Times]	≥ 3.8
4	Sound Transmission [Rw]	Under Testing
5	Sound Transmission [Rw + ctr]	Under Testing
6	Fire Resistance	
	100MM 150MM	2 Hours > 2 Hours
7	Thermal Conductivity [K]	0.08 W/ m ² K
8	Surface Spread of Flame	Class 1
9	Smoke Emission and Toxic Gas Distillation	Not recorded
10	Combustibility	Deemed Non-Combustible
11	Panel Compressive Strength [MPa]	>3.0
12	Water Penetration	No evidence of water penetration
13	Core Water Absorption	< 20% by Volume
14	Partition Stiffness	Passed as Heavy Duty
15	Surface Damage by Hard Body Impact	Under Testing
16	Resistance to Damage by Impact from a Large Soft Body	Passed as Severe Duty
17	Resistance to Perforation by small hard body impact	Passed as Severe Duty
18	Resistance to structural damage by multiple impacts from a large soft body	Passed as Severe Duty