

Type			FS1000
Performance	Standard	Unit	
Design load	CISCA	KG	459
Concentrated load	CISCA	KG	459
Ultimate load	CISCA	KG	1377
Safety factor	CISCA	/	3.0
Impact load	CISCA	kg	68
Uniform load	PSA MOB PF2	kg/m ²	2377
Rolling load 10 passes	CISCA	KG	367
Rolling load 10,000 passes	CISCA	KG	302
Fire rating	BS 476 part 4	/	None-combustible
	BS 476 part 6	/	Pass
	BS 476 part 7	/	Class one
Panel size	PSA MOB PF2	mm	599.70x599.70 +/-0.30 or 609.30x609.30 +/-0.30
Panel thickNess	PSA MOB PF2	/	Corner 32.00mm minimum; edge center 37.00mm minimum
Panel weight(bare fisish)	/	kg	12.5
Panel surface flatness	PSA MOB PF2	mm	0.75
Panel squareness	PSA MOB PF2	mm	+/-0.25
Electrical resistance	PSA MOB PF2	ohm	<10 ¹⁰
Air leakage(with stringer)	PSA MOB PF2	l/s per m ²	0.35
Sound insulation	BS EN ISO 14012	dB	40
Walking load at 100kg	/	mm	0.65mm maximum deflection
Welding times between top and bottom steel sheet			72 times at center domes and 56 times at panel edges
Recycled content	/	/	45% miminum recylced content