



SPB DEFENDER (FIRE RETARDANT) MDF

TECHNICAL SPECIFICATIONS GUIDELINE



Ref	Property	Test Method	Unit	Tolerance	Thickness Range (mm)							
					< 2.5	> 2.5 - 4.0	> 4.0 - 6.0	> 6.0 - 9.0	> 9.0 - 12.0	> 12.0 - 19.0	> 19.0 - 25.0	
1.0	Thickness	EN 324-1	mm					+/- 0.2mm				+/- 0.3mm
2.0	Size (Length/Width)	EN 324-1	mm	(+/- 2)				+/- 2				
3.0	Squareness	EN 324-2	mm	(Max)				2mm/m				
4.0	Density	EN 323	Kg/m ³	(Ave)		760 (+/- 20)			740 (+/- 20)			700 (+/- 20)
5.0	MOR	EN 310	N/mm ²	(Ave)				30				28
6.0	MOE	EN 310	N/mm ²	(Ave)				2500				2200
7.0	Internal Bonding	EN 319	N/mm ²	(Ave)				0.7				0.65
8.0	Thickness Swelling	EN 317	%	(Ave)								≤ 10

Remark : The above specifications are available in Class 1 and Class 0 rating.