



SPB DEFENDER (FIRE RETARDANT) MDF TECHNICAL SPECIFICATIONS GUIDELINE



DEFENDER

Ref.	Properties	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		± 0.2 mm						± 0.3 mm
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)	0.70				0.65		
8.0	Thickness Swelling	EN 317	%	(Ave)	≤ 17		≤ 12		≤ 10		

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

