



SPB PRIME (MDF) TECHNICAL SPECIFICATIONS

Specifications for Thickness Ranges Available

(Revise Date : 12 November 2018 (Rev. 06))



Ref.	Properties	Unit	≤ 2.5mm	> 2.5mm ~ 4.0mm	> 4.0mm ~ 5.0mm	> 5.0mm ~ 6.0mm		
1.0	Thickness	Unpolished	mm	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5	
		Polished	mm	+/- 0.3	+/- 0.3	+/- 0.3	+/- 0.3	
2.0	Size (Length / Width)	mm	+/- 3.0	+/- 3.0	+/- 3.0	+/- 3.0		
3.0	Squareness (per meter length)	mm	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0		
4.0	Density	kg/m ³	≥ 740	≥ 740	≥ 730	≥ 730		
5.0	Bending Strength	kgf/cm ²	≥ 250	≥ 250	≥ 250	≥ 250		
		N/mm ²	≥ 25	≥ 25	≥ 25	≥ 25		
6.0	Internal Bond	kgf/cm ²	≥ 5	≥ 5	≥ 5	≥ 5		
		N/mm ²	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0.5		
7.0	Thickness Swelling	JIS	%	≤ 17	≤ 17	≤ 17	≤ 17	
		EN	%	45	35	30	30	
8.0	Average Moisture Content	%	5 ~ 13	5 ~ 13	5 ~ 13	5 ~ 13		
9.0	Formaldehyde Emissions	<u>JIS (Desiccator Method)</u>		<u>EN (Perforator Method)</u>		<u>CARB ATCM §93120.2(a)</u>		
			<u>Averag</u>	<u>Maximum</u>				
		F☆☆☆☆	0.3mg/l	0.4mg/l	E1	≤ 8mg/100g	P2	0.13ppm
		F☆☆☆	0.5mg/l	0.7mg/l	E2	≤ 30mg/100g		
	F☆☆	1.5mg/l	2.1mg/l					
10.0	Appearance	<p>a) Top surface of the fibreboard shall be free from noticeable unevenness, staining, separation, twisting and warping.</p> <p>b) Bottom surface shall be free from deep scratch, dented and bulging.</p> <p>c) The sectional surface of the fibreboard shall be excellent, and the side surface shall be orthogonal to the plane of the board.</p> <p>d) Where the raw material is Tropical Mixed Woods, the finished products MUST be 100% free from Latex Spot.</p>						

Management System Certification



Certification No.: MY05/00590



Certification No.: MY05/0150

Product Certification



BMH EPA Certificate No. : TPC2/EPA/0721265
 BMH CARB Certification No. : TPC2/CARB/0721265

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