

MattWood PB

Physical and Mechanical Tests

FEATURES	UNIT	TYPE (According to Bending Strength N/mm ²)		REQUIREMENT
		8	13	
Density	kg/m ³ ± 10%	710		JIS A 5908
Building strength on length and widthwise	N/mm ²	≥ 8	≥ 13	JIS A 5908
Young's modulus (informative) widthwise	N/mm ²	≥2000	≥2500	JIS A 5908
Internal Bond	N/mm ²	≥0.15	≥0.2	JIS A 5908
Wood screw holding power (for th>15mm)	N	≥300	≥400	JIS A 5908
Moisture Content	%	5-13		JIS A 5908
Swelling in thickness 24hr	%	≤12		Client's requirement
Formaldehyde release Class F**** (average)	mg/L	0.3		JIS A 5908
Formaldehyde release Class F**** (maximum)	mg/L	0.4		JIS A 5908

CLASSIFICATION: BASE(RS)		Type (According to Bending Strength N/mm ²)							REQUIREMENT
TYPE U F****-PB	8	12	15	16	18	20	22	35	JIS A 5908
	13	12	15	16	18	20	22	-	

CHARACTERISTICS		UNIT	THICKNESS				REQUIREMENT
			<15	≥15-18	≥18-20	≥20	
TYPE U F****-PB	Non polished	mm	±1.0	±1.2		±1.5	JIS A 5908
	Polished	mm	±0.3				
Tolerance on width and length		mm	±3.0				JIS A 5908
Rectangularitate/Squareness		mm	≤2				JIS A 5908