

HeveaBoard Standard Specification

BOARD DIMENSIONS	1,830mm x 2,440mm (Tolerance +/- 3mm) 1,220mm x 2,440mm (Tolerance +/- 3mm) 1,525mm x 2,440mm (Tolerance +/- 3mm)
THICKNESS	9mm, 12mm, 15mm, 16mm, 18mm, 25mm & 36mm (Tolerance +/- 0.3mm) Optional thickness upon request
GRADING ALLOWANCE	3% admissible

F★★★★ AND F★★★★ PARTICLEBOARD PROPERTIES (JIS A 5908:2003 - Type 13)

THICKNESS	9mm	15 - 18mm	20 - 25mm	30-36mm
Bending Strength (N/mm ²) - Min			13.0	
Internal Bond (N/mm ²) - Min			0.20	
Thickness Swelling (%)			n.a	
Face Screw Withdrawal (N) - Min			400	
Moisture Content (%)			5 to 13	
Formaldehyde Emission				
F★★★★	- Mean 0.3mg/L or under Max 0.4mg/L or under			
F★★★★	- Mean 0.5mg/L or under Max 0.7mg/L or under			

E1 & E2 PARTICLEBOARD PROPERTIES (BS EN 312:2003)

THICKNESS	9-13mm	Over 15-18mm	Over 18-25mm	Over 25-32mm	Over 32-36mm
Bending Strength (N/mm ²) - Min	13.0	13.0	11.5	10.0	8.5
Internal Bond (N/mm ²) - Min	0.40	0.35	0.30	0.25	0.20
Thickness Swelling (%) - 2 hour Immersed in 20°C Water	8%	8%	8%	8%	8%
Face Screw Withdrawal (N) - Min	360	360	250	250	250
Surface Soundness (N/mm ²) - Min	0.8	0.8	0.8	0.8	0.8
Formaldehyde Emission					
E1	- x≤8mg HCHO/100g oven-dry board (EN120:1992 standard)				
E2	- >x≤30mg HCHO/100g oven-dry board (EN120:1992 standard)				

* Thickness Swelling Test for informative purpose

CARB STANDARD ON FORMALDEHYDE EMISSION

THICKNESS	9-36mm
CARB PHASE 2	Maximum Limit 0.09ppm

MUF TYPE P3 PARTICLEBOARD PROPERTIES (BS EN 312:2003)

THICKNESS	Over 9-13mm	Over 13-20mm	Over 20-25mm	Over 25-32mm	Over 32-36mm
Bending Strength (N/mm ²) - Min	15.0	14.0	12.0	11.0	9.0
Internal Bond (N/mm ²) - Min	0.45	0.45	0.40	0.35	0.30
Internal Bond After Cyclic Test (v313)* - Min	0.15	0.13	0.12	0.10	0.09
Swelling 24 Hour Immersion (%) - Max	14%	14%	13%	13%	12%
Swelling After Cyclic Test* (%) - Max	14%	13%	12%	12%	11%
Formaldehyde Emission					
E1	- x≤8mg HCHO/100g oven-dry board (EN120:1992 standard)				
E2	- >x≤30mg HCHO/100g oven-dry board (EN120:1992 standard)				

* After wet cyclic test (v313)

HeveaBoard

* 1) Average Property Value attained for density at 650-680kg per m³ < 25mm

2) Average Property Value attained for density at 640kg per m³ ≥ 25mm

* JIS Mark Certification only applicable for F★★★★ and F★★★★ Particleboards



Manufactured under Quality Management System certified to MS ISO



CERTIFICATION ID NO. AT MY 08 001

1st JIS Certified Particleboard Manufacturer in Malaysia

HeveaBoard Berhad

HeveaBoard

Lot 1942, Batu 3, Jalan Tampin,
73400 Gemas, N.S.D.K, Malaysia.

Tel: +(60)7 948 4745 / 948 4746

Fax: +(60)7 948 5192 / 948 3390

Email: marketing@heveaboard.com.my

Website: www.heveaboard.com