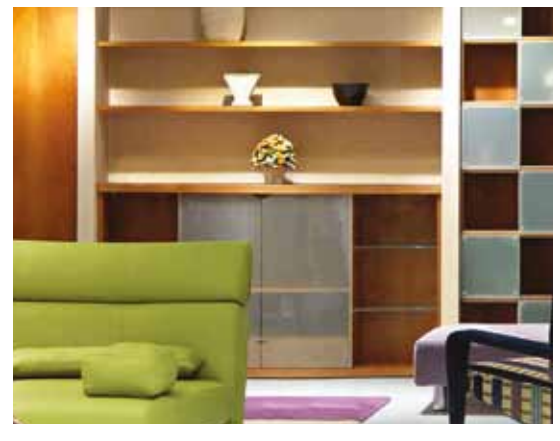


HeveaBoard

HeveaBoard Berhad

YOUR PARTNER FOR
**ENVIRONMENTAL
FRIENDLY & QUALITY**
MELAMINE FACED
PARTICLEBOARD



Manufactured under Quality Management
System certified to MS ISO 9001:2008



C.A.R.B.
93120.2(a) & 93120.12

JAPANESE INDUSTRIAL STANDARD
JIS

Newrange

Aesthetic focus on what is essential without being minimalist:
simple and discreet design, lighter colors - elegance that
draws its attractiveness from clarity and conciseness.
Light colored wood shows direction and structure.
Light, single-colored surfaces in a warm, soft grey and
gentle water hues underscore the pure look.

In our 2011 collections, you will find brand new finishings
which give definitive shades, tonal effects and textural
approaches which further create new ideas for modern
furniture application.

NewRange



427 *Banyan Oak*



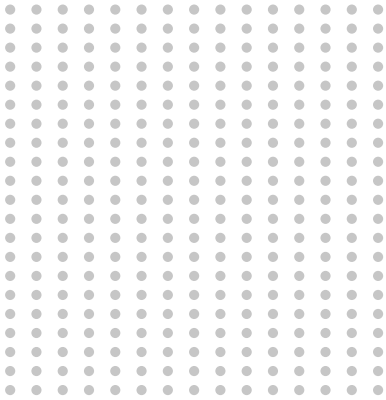
426 *Casa Stripe*



431 *Mirage*



681 *Lounge Pear*



Environmental Friendly

亿维雅刨花板, 健康, 环保板材的首选

HeveaBoard operates the most advanced particleboard plants and it is located in Gemas, Malaysia. It is surrounded by the highest density of rubber trees plantation in the country.

HeveaBoard has two particleboard manufacturing lines. It has an annual combined output of 525,000m³ using the best and most advanced equipments from Europe.

HeveaBoard strives for continuous improvements and committed to strong environmental management. HeveaBoard uses rubberwood as its main raw material which is a plantation wood species.

In line with go green vision, HeveaBoard introduced low emission melamine faced chipboard to serve the furniture industry to go green. Low emission MFC boards consist of less urea formaldehyde content which provide a healthier living environment.



118 *Larnaca Cypress*



453 *Trintex*



425 *Madison Maple*



325 *Murnau Maple*

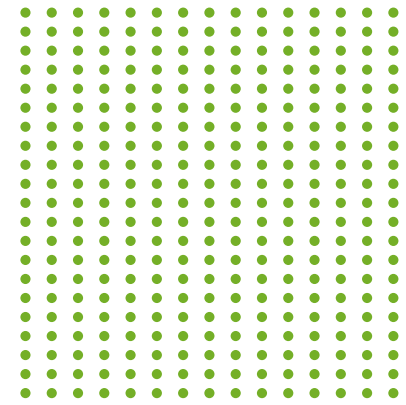


304 *Mangfall Beech*



712 *Maple*





819 *Banstead Oak*



116 *Tiziano Walnut*



451 *Honey Oak*



161 *Beech*



205 *Bavarian Beech*

Wood grain



Woodgrain collection





454 *Light Tiwood*



818 *Oak*



259 *Light Walnut*



258 *Walnut Galilie*



113 *Sensual Beech*



450 *Cherry*





331 *Cherry*



829 *Rio Mahogany*



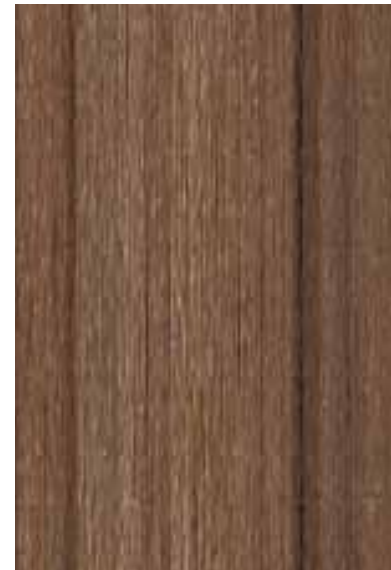
828 *Mahogany*



115 *Teak Allover*



309 *Noce Narciso*



525 *Lyon Walnut*







455 *Dark Tiwood*



964 *Anthrazit*



117 *Legno Stripes*



452 *Saxon Oak*

Solid



630 *White*



995 *Ivory*



203 *Light Grey*



238 *Grey*

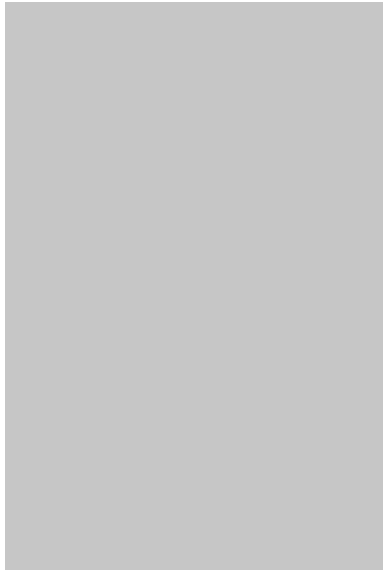


200 *Graphite*

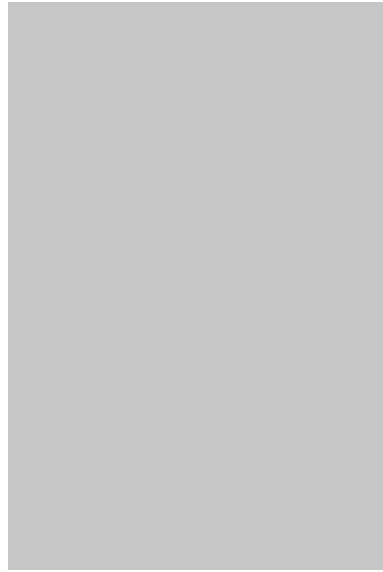


260 *Black*

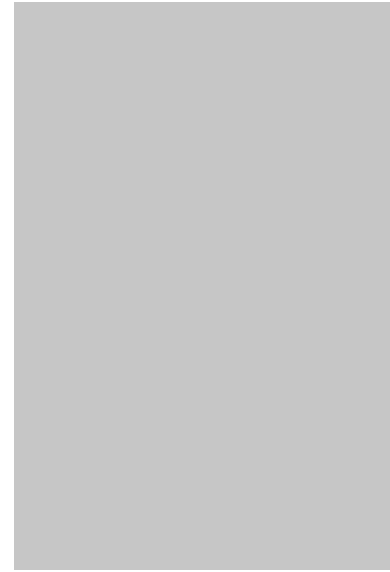
Solid



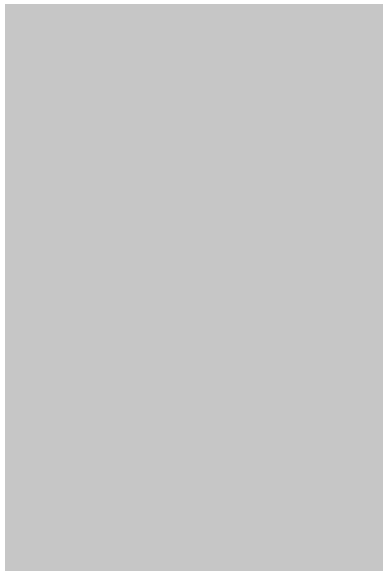
Stipple



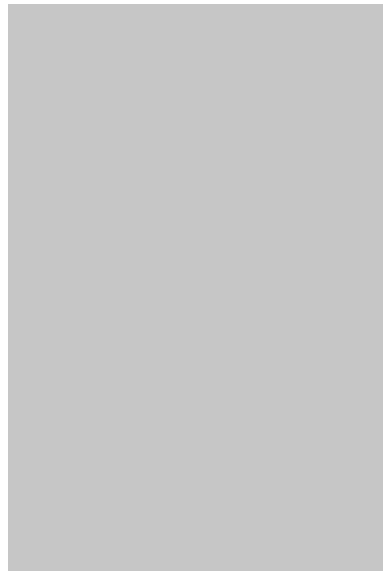
Matt



Woodgrain



Legno Fino



Texture

TECHNICAL SPECIFICATION

The standard particleboard panel sizes are 6' X 8' and 4' X 8' with common thicknesses of 9mm, 12mm, 15mm, 16mm, 18mm, and 25mm.

Our cutting-edge new particleboard production lines allow great flexibility in accommodating requests for other thicknesses. Enquiries on special requirements are welcome.

SPECIFICATION FOR SUBSTRATES - FOR INTERIOR FITMENTS (INCLUDING FURNITURE) FOR USE IN DRY CONDITIONS (TYPE P2)

PROPERTIES	STANDARD BOARD (UF)				
	9mm < X 13mm	13mm < X 20mm	20mm < X 25mm	25mm < X 32mm	32mm < X 40mm
Board Thickness (units)	9mm < X 13mm	13mm < X 20mm	20mm < X 25mm	25mm < X 32mm	32mm < X 40mm
Bending Strength (N/mm ²)	13	13	11.50	10	8.50
Modulus of Elasticity (N/mm ²)	1,800	1,600	1,500	1,350	1,200
Internal Bond (N/mm ²)	0.40	0.35	0.30	0.25	0.20
Surface soundners (N/mm ²)	0.80	0.80	0.80	0.80	0.80
Edges Screw Holding N	360	360	250	n.a	n.a
Thickness Swelling - 1 hour immersion (%)	max. 8%	max. 8%	max. 8%	max. 8%	max. 8%
EN 312 : 2003 Table 1 - General Requirements					
Formaldehyde Emission E1 E2 CARB EMISSION PHASE 2	$X \leq 8\text{mg HCHO} / 100\text{g oven-dry board (EN120 : 1997 Standard)}$ $8\text{mg} < X \leq 30\text{mg HCHO} / 100\text{g oven-dry board (EN120 : 1997 Standard)}$ 0.09ppm				
BOARD DIMENSIONS	1,830mm X 2,440mm (Tolerance +/- 5mm) 1,220mm X 2,440mm (Tolerance +/- 5mm)				
THICKNESSES	9mm, 12mm, 15mm, 16mm, 18mm, 25mm, 32mm & 36mm (Tolerance +/- 0.3mm) Optional thicknesses upon request				
GRADING ALLOWANCE	3% admissible				

SPECIFICATION FOR SUBSTRATES - NON LOAD BEARING BOARDS FOR USE IN HUMID CONDITIONS (TYPE P3)

PROPERTIES	STANDARD BOARD (MUF)				
	9mm < X 13mm	13mm < X 20mm	20mm < X 25mm	25mm < X 32mm	32mm < X 40mm
Board Thickness (units)	9mm < X 13mm	13mm < X 20mm	20mm < X 25mm	25mm < X 32mm	32mm < X 40mm
Bending Strength (N/mm ²)	15	14	12	11	9
Modulus of Elasticity (N/mm ²)	2,050	1,950	1,850	1,700	1,700
Internal Bond (N/mm ²)	0.45	0.45	0.40	0.35	0.30
Internal Bond after Cyclic Test (N/mm ²)	0.15	0.13	0.12	0.10	0.09
Edges Screw Holding N	n.a	n.a	n.a	n.a	n.a
Thickness Swelling - 1 hour immersion (%)	max. 8%	max. 8%	max. 8%	max. 8%	max. 8%
- 24 hour immersion (%)	max. 14%	max. 14%	max. 13%	max. 13%	max. 12%
* after cyclic test (%)	max. 14%	max. 13%	max. 12%	max. 12%	max. 11%
* After wet cyclic test (V313)					
EN 312 : 2003 Table 1 - General Requirements					
Formaldehyde Emission E1 E2	$X \leq 8\text{mg HCHO} / 100\text{g oven-dry board (EN120 : 1997 Standard)}$ $8\text{mg} < X \leq 30\text{mg HCHO} / 100\text{g oven-dry board (EN120 : 1997 Standard)}$				
BOARD DIMENSIONS	1,830mm X 2,440mm (Tolerance +/- 5mm) 1,220mm X 2,440mm (Tolerance +/- 5mm)				
THICKNESSES (STANDARD)	16mm, 18mm, 25mm (Tolerance +/- 0.3mm) Optional thicknesses upon request				
GRADING ALLOWANCE	3% admissible				

* **HeveaBoard** Average Property Value attained for density at 650-680kg/m³ (+/- 20kg/m³)

SPECIFICATION FOR SUBSTRATES JIS A 5908 : 2003 - TYPE U

PROPERTIES	STANDARD BOARD F☆☆☆ AND F☆☆☆☆	
Classification (units)	Type 13	Type 18
Bending Strength (N/mm ²)	13.0 min	18.0 min
* Modulus of Elasticity (N/mm ²)	2,500 min	3,000 min
Internal bond (N/mm ²)	0.2 min	0.3 min
Face screw holding (N)	400 N	500 N/min
Moisture Content (%)	5 - 13%	
Density (kg/m ³)	650 - 680kg/m ³ (+/- 20kg/m ³)	
Formaldehyde Emmission		
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	
Board Dimensions	1,830mm x 2,440mm (Tolerance +/- 3mm) 1,220mm x 2,440mm (Tolerance +/- 3mm)	
Thickness	9mm, 12mm, 15mm, 18mm, 25mm (Tolerance +/- 0.3mm) for polished particleboard (Tolerance +/- 0.5mm) for decorative particleboard under 18mm (Tolerance +/- 0.6mm) for decorative particleboard 18mm or over	
Grading Allowance	3% Admissible	

* JIS MARK CERTIFICATION ONLY APPLICABLE FOR F☆☆☆ / F☆☆☆☆ PARTICLEBOARDS

* 1ST JIS PARTICLEBOARDS MANUFACTURER IN MALAYSIA

* MOE FOR INFORMATIVE

* HEVEABOARD AVERAGE PROPERTY VALUE ATTAINED FOR DENSITY AT 650-680kg/m³ (+/- 20kg/m³)

HeveaBoard Berhad

Factory

Lot 1942, Batu 3, Jalan Tampin
73400 Gemas, NSDK, Malaysia.
Tel +(60)7 948 4745 / 4772
Fax +(60)7 948 5192 / 3390

KL Office

Business Suite 19A-20-5, Level 20
UOA Centre, No. 19, Jalan Pinang
50450 Kuala Lumpur, Malaysia.
Tel +(60)3 2166 1393
Fax +(60)3 2166 3390

Seremban Office

Lot 683, Batu 5, Jalan Kuala Pilah
70400 Seremban, NSDK, Malaysia.
Tel +(60)6 677 7393 / 678 2829
Fax +(60)6 677 7167



Manufactured under Quality Management
System certified to MS ISO 9001:2008



JAPANESE INDUSTRIAL STANDARD
AT MY 08.01

C.A.R.B.
93120.2(a) & 93120.12