

100% HEVEA RAW PLYWOOD

– INTERIOR / EXTERIOR * – EXTERIOR

Hevea RAW Plywood is a high-quality plywood made from 100% sustainable rubberwood. Unlike coated plywood, this product has a natural, unlaminated surface, featuring a durable long-grain rubberwood veneer. Engineered for versatility and durability, Hevea RAW Plywood meets the demands of general-purpose applications.

HEVEA RAW PLYWOOD IS IDEAL FOR:

- ✓ General construction and framework
- ✓ Furniture production, cabinetry, shopfitting
- ✓ Interior & exterior wall panelling and decorative finishes
- ✓ Die boards

Product name:

100% Hevea (Rubberwood) RAW Plywood

Options:

- Interior / Exterior * (MUF glue)
- Exterior (PF glue)

* Interior / Exterior plywood can only be used externally when installed undercover.

Surface grades:

BB, CP, C

Size:

2,500 × 1,250 mm
(2,440 × 1,220 mm available on request – full container quantity only)

Thickness:

9 – 12 – 15 – 18 – 21 – 24 – 27 – 30 mm
Optional: other thicknesses upon request

Definition of number of plies:

9 mm – 7 plies
12 mm – 9 plies
15 mm – 11 plies
18 mm – 13 plies
21 mm – 15 plies
24 mm – 17 plies
27 mm – 19 plies
30 mm – 21 plies

Surface:

Long-grain Rubberwood Veneer (Unlaminated)



Core details

Wood species (core)	Plantation wood from legal sources 100% Rubberwood (sheet ≥ 12 mm) Combi core (sheet < 12 mm)	
Moisture Content (1)	$\leq 12\%$, leaving mill as per EN 322:1993	
Panel Density	690 kg/cbm $\pm 3\%$ as per EN 323:1993	
Glue	Interior / Exterior *	Exterior
	Melamine Urea Formaldehyde Resin (MUF)	Phenolic Formaldehyde (PF)
Bonding quality	Class 2 as per EN 314	Class 3 as per EN 314
Formaldehyde Emission	E05 as per EN 717-1 E0 as per JP, AS & NZS CARB P2 as per CARB, US	E05 as per EN 717-1

(1): Equilibrium Moisture Content - EMC

Tolerances of dimension and shape

Length & Width tolerance	± 1 mm / 1 m on nominal length & width (standard sizes) as per EN 315:2000
Thickness tolerance (vs. nominal thickness)	± 0.3 mm: < 15 mm ± 0.5 mm: ≥ 15 mm as per EN 315:2000
Thickness tolerance within 1 sheet	≤ 0.4 mm as per EN 315:2000
Squareness tolerance (corners)	1 mm / 1 m as per EN 315:2000
Straightness tolerance	1 mm / 1 m as per EN 315:2000

Specification

Properties	Method / Standard	Hevea base ply
Mean Bending strength: – Along length of sheet – Along width of sheet	EN 310:1993 / EN 636:2012 + A1:2015	60 N/mm ² 35 N/mm ²
Modulus of elasticity: – Along length of sheet – Along width of sheet		6,000 N/mm ² 3,500 N/mm ²
Warping	ANSI/ HPVA-HP-1-2016	Bow (lengthwise): ≤ 18.0 mm Cup (widthwise): ≤ 12.0 mm
Certificates		– ISO – CE EN13986 + A1:2015 (system 2+)
Wood material legality		EUTR (EU) and equivalent Optional: FSC, CoC

Specifications are subject to change without prior notice.

Compliance & Origin

Certificates	ISO 9001:2015, ANSI/ HPVA-HP-1-2016 CE EN13986 + A1:2015
Wood material legality	EUTR (EU) and equivalent Optional: FSC, CoC

Packaging details

Packaging standard	On pallet, covered with cardboard, thin plywood and plastic straps
Packaging quantity for size 2,500 × 1,250 mm	Sheets / Pallet
9 mm	100
12 mm	75
15 mm	60
18 mm	50
21 mm	43
24 mm	38
27 mm	33
30 mm	30
	(packing and loading quantity may be adjusted accordingly to actual conditions or regulations)
Loading quantity	14 pallets in 40' HC container / 12–13 pallets in full truck
Gross weight (kg/pallet)	Approx. 2,000 kg

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