

HEVEA RAWPLY

Hevea RawPly is a versatile material ideal for both internal and external structural components. An enhanced rubberwood core and uniform veneer layers offers a durable and aesthetically pleasing structure, while calibrated for thickness features a high-quality finish, ensures precise construction and a consistent surface for surface coating applications

GENERAL PRODUCT INFORMATION	
Product name	HEVEA RAWPLY
Application	- Internal use as structural components in dry/ humid conditions - Use as external panels and claddings but only when edge sealed - HPL & Veneer lamination, Wall partition
Standard size	- 1,220 x 2,440mm - 1,250 x 2,500mm Optional: - Other sizes upon request
Available thickness	12mm - 09 plies 15mm - 11 plies 18mm - 13 plies 21mm - 15 plies 24mm - 17 plies 27mm - 19m plies 30mm - 21 plies Optional: - Other thicknesses upon request
Surface	Long-grain fullsheet veneer - Sanded Grade: B, BB, CP, C

PRODUCT SPECIFICATION	
Wood species (core)	Plantation wood from legal sources 100% Rubberwood

Glue (core)	Phenolic Formaldehyde Optional: - Melamine Urea Formaldehyde
Moisture content (I)	≤ 12%, leaving mill as per EN 322:1993
Panel density	670 kg/cbm ± 3% as per EN 323:1993
Structure & quality (core)	Overlap reduced Core gap reduced (100% machine-dried veneer)
Bonding properties (core)	WBP - 72h (Water Boil Proof)
Formaldehyde emission	E0.5 as per EN 120:1992 E0 as per JP, AS & NZS CARB P2 as per CARB, US
Length & Width tolerance	+/- 1mm/ 1m on nominal L & W (standard sizes) as per EN 315:2000
Thickness tolerance (vs. nominal thickness)	+/- 0.5mm
Thickness tolerance within 1 panel	≤ 0.3mm as per EN 315:2000
Squareness tolerance (2 diagonal lines)	+/- 1.5mm on nominal length of the diagonal line
Squareness tolerance (corners)	+/- 1mm/ 1m as per EN 315:2000
Straightness tolerance	+/- 1mm/ 1m as per EN 315:2000
Warping tolerance	Bow (lengthwise): ≤ 18.0 mm Cup (widthwise): ≤ 12.0 mm as per JAS for Plywood

PERFORMANCE

Mean bending strength	as per EN 310:1993
- <i>Lengthwise</i>	≥ 30 N/mm ²
- <i>Widthwise</i>	≥ 45 N/mm ²
Modulus of elasticity	as per EN 310:1993
- <i>Lengthwise</i>	≥ 3,000 N/mm ²
- <i>Widthwise</i>	≥ 4,500 N/mm ²

COMPLIANCE & ORIGIN

Certificates	ISO 9001 - ISO 14001 CE EN13986 + A1: 2015 (system 2+)
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Wood material legality	EUDR (EU)/ Lacey Act. (US) and equivalent Optional: - FSC CoC
Origin	Made in Vietnam

PACKAGING STANDARD	
Packaging standard	Palletize, covered with carton and plastic straps Optional: - Covered with thin plywood
Loading quantity (crates/ cont)	14 - 16 pallets
Shipping mark & logo	HEVEACORE

Notes:

- (l): Equilibrium Moisture Content - EMC
- t: nominal thickness