

LIGHTWEIGHT PLYWOOD

100% Ceiba Pentandra plywood produced in Ivory Coast by our esteemed and reliable FSC® certified partner.

Very light-weight product easy to machine and suitable for lamination (CPL, HPL, decorative veneer, etc.).

1. GLUES

Class 3 phenol formaldehyde bonding with 50-54% solid content. Possible use for outdoor environments (EN 636-3).

2. RESISTANCE

Borer and beetle resistance, due to special eco-friendly GLP technology.

3. FORMALDEHYDE

Standardly manufactured under CARB phase II & TSCA title VI emission norms.

4. SPECIES

Light-weight plywood made with 100% Ceiba Pentandra. Face and back with Ceiba Pentandra or Okoume supplied upon requirement. Difference in ranges of density.

5. DIMENSIONS

DIMENSIONS	UNIT	VALUE							
Sheet sizes	mm	2440x1220 and 2500x1250							
Sheet thicknesses	mm	4	6	9	12	15	18	20	25
Plies	qty	3	3	5	5	7	7	9	9

Norm: EN 315.

TECHNICAL INFORMATION

TECHNICAL PROPERTIES	STANDARD	UNIT	VALUE
Density	EN 323	Kg/m ³	Below 400 +/- 10%
WBP	EN 310	-	Can withstand a minimum of 72 hours at 100°C boiling water
Glue shear strength	EN 310	N/mm ²	1350
Bending strength long grain/cross grain	EN 310	N/mm ²	30 to 35
Modulus of elasticity along the grain	EN 310	N/mm ²	4500
Modulus of elasticity across the grain	EN 310	N/mm ²	2500
Thermal conductivity	EN 10456	w/m K	0.05
Moisture	EN 322	%	8 - 10% (vary as per EMC)

DIMENSIONAL TOLERANCES	STANDARD	UNIT	VALUE
Thickness	EN 315	mm	+ (0.2 + 0.03 t); - (0.4 + 0.03 t)
Length / Width	EN 315	mm	+/- 3.5
Diagonal	EN 315	mm/m	1

PRODUCT PICTURES

