

CEIBA/FROMAGER PLYWOOD

Birch plywood alternative produced in Ivory Coast by our esteemed and reliable FSC® certified partner.

Furniture grade plywood, stable, durable, and resistant to most physical and mechanical forces. Highly resistant to humid environments as the glue used is suitable for exterior applications. Can be used for film overlaying, painting, lacquering, T&G jointing, cabinets, and all kinds of furniture manufacturing.

1. GLUES

Class 3 phenol formaldehyde bonding with 48-50% solid content. Possible use for outdoor environments (EN 636-3).

2. FORMALDEHYDE

Standardly manufactured under CARB phase II & TSCA title VI emission norms. E1 emission can be provided upon request.

3. SPECIES

COMBI core made with Ceiba Pentandra and tropical hardwood (mainly rubber and Hevea brasiliensis). Face and back with Ceiba Pentandra or Okoume supplied upon requirement.

4. DIMENSIONS

DIMENSIONS	UNIT					
Sheet sizes	mm	2440x1220 and 2500x1250				
Sheet thicknesses	mm	12	15	18	21	24
Plies	qty	7	9	11	13	13 / 15

Norm: BS EN 13986.

PRODUCT PICTURES



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