RIMAA
PLYWOOD

MARINE PLYWOOD

Marine grade plywood in compliance with the British Standard 1088-1:2003 Lloyd's register type approved. Recommended for boat and nautical construction.

Characterized by its lightness in weight, as is required by the Marine industry. It can also be utilized for interior furnishing.

1. GLUES

Class 3 thermosetting phenol formaldehyde bonding with up to 54% solid content. Resin used for bonding can withstand severe climatic variations and marine/outdoor applications. (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

Marine 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**	**8**	**12**	**15**	**18**	**20**	**25**
Plies	qty	3	5	5	7	9	11	13	15

Norm: EN 315.

TECHNICAL INFORMATION

TECHNICAL PROPERTIES	STANDARD	UNIT	VALUE
Density	EN 323	Kg/m^3	410 +/- 10%
WBP	EN 310	-	Can withstand a minimum of 72 hours at 100°C boiling water
Glue shear strength	EN 310	N/mm²	1350
Bending strength long grain/cross grain	EN 310	N/mm²	30 to 35
Modulus of elasticity along the grain	EN 310	N/mm²	5000
Modulus of elasticity across the grain	EN 310	N/mm²	3500
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

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PRODUCT PICTURES