WINKSY INTERNATIONAL

LLOYD'S CERTIFIED MARINE PANEL

PRODUCT DESCRIPTION

Selected Fromager core with **CEIBA PENTANDRA / OKOUME** Face and back in compliance with the British Standard BS 1088-1 : 2003 Lloyd's Register Type Approved. Marine ply is recommended for boat and nautical construction. Class III gluing with lightest in weight enables it to meet requirements of marine industry. Even for interior furnishing, these panels can be utilized.

GLUING

Class 3: High solid content (up to 54%) thermosetting Phenol Formaldehyde resin is used for bonding can be used in severe climatic variation and marine / outdoor application. (EN 636-3).

BORER AND BEETLE RESISTANT

The special eco-friendly GLP technology makes our plywood highly resistant to borer and powder post beetles.

DENSITY

Different range of density can be provided upon request with **CEIBA PENTANDRA** or **OKOUME** veneer on the face and back. All glue lines and panels are of **CEIBA PENTANDRA**.

FORMALDEHYDE EMISSION

All marine Plywood are being manufactured as per CARB Phase II & TSCA Title VI emission norms.

SIZES

	STANDARD	UNIT	THICKNESS RANGE							
Standard Sizes	EN 315	mm	2500 X 1250 / 2440 X 1220							
Thickness		mm	**4**	**6**	**8**	**12**	**15**	**18**	**20**	**25**
Layer		Plies	3	5	5	7	9	11	13	15

TECHNICAL SPECIFICATION

TECHNICAL PROPERTIES	STANDARD	UNIT	VALUE
Density	EN 323	Kg/m^3	410 ± 10%
WBP	EN 310		Can withstand 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	5000
Modulus of elasticity Across the Grain	**EN 310**	N/mm^2	3500
Nail Holding Value	EN 310	N/mm^2	800-900
Screw Holding	EN 310	N/mm^2	1500-2000
Thermal Conductivity	EN 10456	W/m K	0.05
Moisture	EN 322	%	08 - 10% (Vary as per EMC)
Dimensional tolerances			
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

The specific values are average values of production however the specific utilization will determine the values

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