



*Peeled Okoume Veneers 10/10<sup>th</sup>s*  
*Veneer Quality: II/III*  
*Sorted interior plies and core from 100% Okoume*

*Glue: Class 3 - Nautical environments*  
*Glue standard: Standard EN 314*  
*Dimensional Tolerance: Standard EN 315*  
*Density: 500 kg/m<sup>3</sup> +/- 10%. Standard EN 323*

**A D V A N T A G E S**

- Rigorously sorted veneers
- 10-year warranty against delamination
- Moisture resistant
- High mechanical resistance

**O N**

**R E Q U E S T**

- + Calibration Value
- + Value varnishes, stains, lacquers
- Product certified FSC®

THICKNESS	PLIES	2500 x 1220 mm	3100 x 1530 mm
		Pack size	Pack size
4 mm	3	100 pcs	100 pcs
6 mm	5	80 pcs	80 pcs
8 mm	5	50 pcs	50 pcs
10 mm	5	50 pcs	50 pcs
12 mm	7	40 pcs	40 pcs
15 mm	7	30 pcs	30 pcs
18 mm	9	25 pcs	25 pcs
22 mm	9	22 pcs	22 pcs
25 mm	11	20 pcs	20 pcs

Delivery quantity tolerance +/- 10%

100% Okoume plywood.

**Applications:** Marine panel designed for nautical use - boat construction, exterior yacht fittings and offices/premises in damp environments.



**E1**

**CE<sub>2+</sub>**



La marque de la gestion forestière responsable





**DECLARATION OF PERFORMANCE (DOP)**

N° DOP :	DDP GM-01	Version 21 of 01/02/2021
Identification code :	EN 636-3	
Type number :	ALLIN MARINE OKOUME	
Intended use :	Use in a nautical environment	
Manufacturer :	SAS ALLIN - Route de la Couarde - 79270 LE VANNEAU contact.allin@groupe-arbor.com - www.allin.fr	
Evaluation and verification of system performance :	CE 2+	
The notified organism :	FCBA 0380	
performed :	initial inspection of the manufacturing facility and control of factory production and monitoring, evaluation and continuous assessment of control of factory production	
delivered :	the factory production control certificate : 0380 – CPR – N°213	

**DECLARED PERFORMANCES :**

Essential characteristics	Performances														Harmonized technical specification	
	4	6	8	10	12	15	18	22	25							
Thickness in mm																EN 13986 : 2004 + A1 : 2015
Bonding quality	3															
Density : Kg/m³	500															
Reaction to fire	E							D-s2,d0								
Release of formaldehyde	E1															
<b>STRENGTH : N/mm²</b>																
Bending // to faces	51,1	40,8	34,2	28,6	31,3	25,7	27,3	28,3	24,3							
Bending ⊥ to faces	7,9	18,2	24,8	30,4	27,7	33,3	31,7	30,7	34,7							
Tension // to faces	11,5	12,3	11,6	9,4	11,7	9,4	10,4	10,7	9,4							
Tension ⊥ to faces	12,0	11,2	11,9	14,1	11,8	14,1	13,1	12,8	14,1							
Compression // to faces	18,8	20,2	19,0	15,3	19,1	15,4	17,1	17,6	15,5							
Compression ⊥ to faces	19,7	18,3	19,5	23,2	19,4	23,1	21,4	20,9	23,0							
Planar shear // to faces	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4							
Planar shear ⊥ to faces	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4							
Panel shear	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,2							



Essential characteristics	Performances														Harmonized technical specification	
		4	6	8	10	12	15	18	22	25						
Thickness in mm																
<b>ELASTICITY : N/mm<sup>2</sup></b>																
Bending // to faces		8 000	6 390	5 350	4 480	4 900	4 030	4 270		4 440	3 810					
Bending ⊥ to faces		1 240	2 850	3 890	4 760	4 340	5 210	4 970		4 800	5 430					
Tension // to faces		4 510	4 840	4 560	3 680	4 580	3 700	4 100		4 210	3 710					
Tension ⊥ to faces		4 730	4 400	4 680	5 560	4 660	5 540	5 140		5 030	5 530					
Compression // to faces		4 510	4 840	4 560	3 680	4 580	3 700	4 100		4 210	3 710					
Compression ⊥ to faces		4 730	4 400	4 680	5 560	4 660	5 540	5 140		5 030	5 530					
Planar shear // to faces		70	70	70	70	70	70	70		70	70					
Planar shear ⊥ to faces		70	70	70	70	70	70	70		70	70					
Panel shear		430	430	430	430	430	430	430		430	430					
Punching shear resistance	NPD															
Impact resistance	NPD															
Water vapour permeability (μ)																
- wet cup	45															
- dry cup	180															
Sound absorption [250-500] Hz	0,1															
Sound absorption [1000-2000] Hz	0,3															
Thermal conductivity (W/m.K)	0,13															
Release of pentachlorophenol (ppm)	< 5															

EN 13986 : 2004 + A1 : 2015

EN 13986 : 2004 + A1 : 2015

**The performance of the product identified is in accordance with the declared performance.**

This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed on the behalf of the manufacturer by :	J. ROUSSEAU	Quality Manager	The :	01/02/2021	in :	Le Vanneau
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