



# ALLIN MARINE+ OKOUME BS1088



ALLIN  
La Motte Michel, 79270 Le Vanneau  
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contact.allin@groupe-arbor.com  
www.allin.fr

p.1/3 - General



<b>FACES</b>	Peeled Okoume veneers 13/10 <sup>ths</sup> Faces quality B/B
<b>INNER LAYERS</b>	Thin & Selected & Garant plies - 100% Okoume
<b>GLUE</b>	Class 3 - Marine Glue Standard EN 314
<b>DIMENSIONAL TOLERANCE</b>	Standard EN 315
<b>DENSITY</b>	500 kg/m <sup>3</sup> (+/- 10%). Standard EN 323



**BS 1088**

**E1**



## RECOMMENDED APPLICATIONS



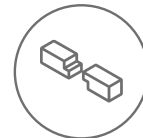
Caravans,  
RVs



Commercial  
vehicles,  
Vans



Marine



Indoor  
& outdoor  
joinery



Indoor  
& outdoor  
furniture

## BENEFITS

Excellent mechanical resistance  
Highly resistant to moisture  
Best seller ■ Naturally durable ■ Thin plies  
Rigorously selected veneers



The mark of  
responsible forestry



**TSCA**  
Title VI

DIMENSIONS (MM)		THICKNESS (MM)							
		4	6	9	12	15	18	22	25
2500 x 1220	No. of plies	3	5	5	7	9	11	13	13
	Pack size	16	16	16	16	16	16	16	16
3100 x 1530	No. of plies	3	5	5	7	9	11	13	13
	Pack size	25	25	25	25	25	25	25	25

DATA SHEET



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DATA SHEET

## 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 BS1088	
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														
STRENGTH : N/mm²															
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						



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DATA SHEET

Essential characteristics	Performances														Harmonized technical specification	
		4	6			9		12	15	18		22	25			
Thickness in mm																
<b>ELASTICITY : N/mm<sup>2</sup></b>																
Bending // to faces		8 790		7 220			6 480		5 510	5 100	4 780		4 680	4 980		
Bending ⊥ to faces		450		2 020			2 760		3 730	4 140	4 460		4 560	4 260		
Tension // to faces		5 860		5 040			5 070		4 350	4 230	3 940		4 110	4 710		
Tension ⊥ to faces		3 380		4 200			4 170		4 890	5 010	5 300		5 130	4 530		
Compression // to faces		5 860		5 040			5 070		4 350	4 230	3 940		4 110	4 710		
Compression ⊥ to faces		3 380		4 200			4 170		4 890	5 010	5 300		5 130	4 530		
Planar shear // to faces		70		70			70		70	70	70		70	70		
Planar shear ⊥ to faces		70		70			70		70	70	70		70	70		
Panel shear		430		430			430		430	430	430		430	430		
Punching shear resistance	NPD															EN 13986 : 2004 + A1 : 2015
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															

**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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