



ALLIN MARINE+ OKOUME BS1088



ALLIN
le vanneau

Group
ARBOR

ALLIN
La Motte Michel, 79270 Le Vanneau
Tel. : +33 (0)5 49 35 15 82
contact.allin@groupe-arbor.com
www.allin.fr

p.1/3 - General

DATA SHEET



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



BS 1088

E1



The mark of
responsible forestry



TSCA
Title VI

RECOMMENDED APPLICATIONS



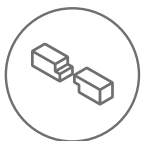
Caravans,
RVs



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

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

* quantity per pack may vary within the scope of +/-10%



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p.2/3 - DOP

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	
Thickness in mm		4		6		8		10	12	15	18		22	25			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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p.3/3 - DOP

DATA SHEET

Essential characteristics	Performances																Harmonized technical specification
Thickness in mm		4		6			9		12	15	18		22	25			EN 13986 : 2004 + A1 : 2015
ELASTICITY : N/mm²																	
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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