



<b>FACES</b>	Peeled Okoume veneers 10/10 <sup>ths</sup> Faces quality B/BB
<b>INNER LAYERS</b>	Selected 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



**E1**



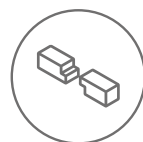
## RECOMMENDED APPLICATIONS



Commercial vehicles,  
Vans



Marine



Indoor & outdoor joinery



Indoor & outdoor furniture

## BENEFITS

Strong mechanical resistance  
Good resistance to moisture  
Naturally durable



The mark of responsible forestry

DIMENSIONS (MM)		THICKNESS (MM)								
		4	6	8	10	12	15	18	22	25
2500 x 1220	No. of plies	3	5	5	5	7	7	9	9	11
	Pack size	16	16	16	16	16	16	16	16	16
3100 x 1530	No. of plies	3	5	5	5	7	7	9	9	11
	Pack size	25	25	25	25	25	25	25	25	25



## 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															
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							



Essential characteristics	Performances														Harmonized technical specification		
		4	6	8	10	12	15	18	22	25							
Thickness in mm																	EN 13986 : 2004 + A1 : 2015
<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															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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