



FACES	Peeled Okoume veneers 10/10 ^{ths} Faces quality B/BB
INNER LAYERS	Selected 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



E1



The mark of
responsible forestry

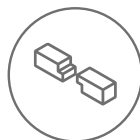
RECOMMENDED APPLICATIONS



Commercial
vehicles,
Vans



Marine



Indoor
& outdoor
joinery



Indoor
& outdoor
furniture

BENEFITS

Strong mechanical resistance
Good resistance to moisture
Naturally durable

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

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



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	
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			



Essential characteristics	Performances																Harmonized technical specification
Thickness in mm		4		6		8		10	12	15	18		22	25			EN 13986 : 2004 + A1 : 2015
ELASTICITY : N/mm²																	
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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