



# ALLIN PLY 100% OKOUME (Interior)



ALLIN  
La Motte Michel, 79270 Le Vanneau  
Tel.: +33 (0)5 49 35 15 82 / Fax: +33 (0)5 49 35 02 64  
contact.allin@groupe-arbor.com / www.allin.fr

p.1/3 - General



*Peeled Okoume Veneers 10/10<sup>ths</sup>*  
*2 sides joined on 3100 x 1830 mm size*  
*Veneer Quality: III/III*  
*100% Okoume Ply Interiors*

*Glue: Class 1 - Use in dry environment*  
*Glue standard: Standard EN 314*  
*Dimensional Tolerance: Standard EN 315*  
*Density: 500 kg/m<sup>3</sup> +/- 10%. Standard EN 323*

General usage plywood panel designed for use in dry environments.

**Applications:** Building or layout panel for non-decorative uses.

## ADVANTAGES

- Exceptional mechanical resistance
- Cutting stability
- Naturally durable

## ON

## REQUEST

- 2500 x 1530 mm size
- + Calibration Value
- - Veneer Quality Value III
- + Veneer Quality Value I
- + Veneer Value 13
- Product certified FSC®

THICKNESS	PLIES	2500 x 1220 mm	3100 x 1530 mm	3100 x 1830 mm
		Pack size	Pack size	Pack size
3 mm	3	100 pcs	-	-
4 mm	3	100 pcs	100 pcs	100 pcs
5 mm	3	80 pcs	80 pcs	80 pcs
6 mm	3	80 pcs	80 pcs	-
8 mm	5	50 pcs	50 pcs	50 pcs
10 mm	5	50 pcs	50 pcs	50 pcs
12 mm	7	40 pcs	40 pcs	40 pcs
15 mm	7	30 pcs	30 pcs	30 pcs
18 mm	9	25 pcs	25 pcs	25 pcs
19 mm	9	25 pcs	25 pcs	25 pcs
22 mm	9	22 pcs	22 pcs	22 pcs
25 mm	11	20 pcs	20 pcs	20 pcs
30 mm	13	15 pcs	15 pcs	15 pcs
35 mm	15	15 pcs	15 pcs	15 pcs
40 mm	17	10 pcs	10 pcs	10 pcs



E1

CE<sub>2+</sub>



La marque de la gestion forestière responsable



DATA SHEET

Average weight per pack: 2500 x 1220 = 0,700 ton / 3100 x 1530 = 1,1 tons  
Delivery quantity tolerance +/- 10%



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p.2/3 - DOP

## DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GC-31	Version 21 of 01/02/2021
Identification code :	EN 636-1	
Type number :	ALLIN 100% OKOUME	
Intended use :	Use in dry 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°211	

## DECLARED PERFORMANCES :

Essential characteristics	Performances																Harmonized technical specification	
	3	4	5	6	8	10	12	15	18	22	25	30	40					
Thickness in mm	3	4	5	6	8	10	12	15	18	22	25	30	40					
Bonding quality	1																EN 13986 : 2004 + A1 : 2015	
Density : Kg/m <sup>3</sup>	500																	
Reaction to fire	E								D-s2,d0									
Release of formaldehyde	E1																	
<b>STRENGTH : N/mm<sup>2</sup></b>																		
Bending // to faces	40,1	37,6	38,0	38,0	26,6	27,3	22,9	24,6	23,0	25,5	22,8	22,4	21,9					
Bending ⊥ to faces	3,9	6,6	6,2	6,2	17,2	17,4	22,9	22,0	25,1	22,4	25,3	26,1	27,0					
Tension // to faces	10,6	9,0	9,2	9,2	7,1	7,8	6,5	7,6	7,7	8,2	7,3	7,3	7,2					
Tension ⊥ to faces	7,3	8,7	8,5	8,5	10,2	9,5	10,7	9,7	9,4	8,9	9,8	9,8	9,9					
Compression // to faces	17,3	14,8	15,1	15,1	11,7	12,8	10,7	12,4	12,6	13,5	12,0	11,9	11,8					
Compression ⊥ to faces	11,9	14,2	13,9	13,9	16,8	15,6	17,5	15,8	15,5	14,6	16,0	16,1	16,2					
Planar shear // to faces	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2					
Planar shear ⊥ to faces	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2					
Panel shear	5,5	5,5	5,5	5,5	5,4	5,4	5,3	5,3	5,3	5,3	5,3	5,3	5,3					

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DATA SHEET

Essential characteristics	Performances																Harmonized technical specification
	3	4	5	6	8	10	12	15	18	22	25	30	40				
Thickness in mm																	EN 13986 : 2004 + A1 : 2015
<b>ELASTICITY : N/mm<sup>2</sup></b>																	
Bending // to faces	7 830	7 360	7 430	7 430	4 820	4 880	4 000	4 240	3 830	4 280	3 790	3 690	3 570				
Bending ⊥ to faces	610	1 050	980	980	3 400	3 350	4 130	3 890	4 220	3 810	4 240	4 320	4 410				
Tension // to faces	4 890	4 170	4 270	4 270	3 290	3 620	3 020	3 490	3 560	3 810	3 390	3 370	3 330				
Tension ⊥ to faces	3 360	4 020	3 930	3 930	4 730	4 400	4 940	4 470	4 370	4 130	4 530	4 550	4 560				
Compression // to faces	4 890	4 170	4 270	4 270	3 290	3 620	3 020	3 490	3 560	3 810	3 390	3 370	3 330				
Compression ⊥ to faces	3 360	4 020	3 930	3 930	4 730	4 400	4 940	4 470	4 370	4 130	4 530	4 550	4 560				
Planar shear // to faces	60	60	60	60	60	60	60	60	60	60	60	60	60				
Planar shear ⊥ to faces	64	64	64	64	62	62	62	61	61	61	61	60	60				
Panel shear	380	380	380	380	370	370	370	370	360	360	360	360	360				
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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