



# ALLIN PLY COMBI (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>th</sup>*  
*2 sides joined on 3100 x 1830 mm size*  
*Veneer Quality: II/III*  
*Alternate Okoume and Poplar Ply Interior*

*Glue: Class 1 - Use in dry environment*  
*Glue standard: Standard EN 314*  
*Dimensional Tolerance: Standard EN 315*  
*Density: 480 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

- High mechanical resistance
- Lightweight
- Cutting stability

O N

## REQUEST

- + Calibration Value
- - Veneer Quality Value III
- + Veneer Quality Value I
- + Veneer Value 13
- Product certified PEFC™

THICKNESS	PLIES	2500 x 1220 mm	3100 x 1530 mm	3100 x 1830 mm
		Pack size	Pack size	Pack size
3 mm (all Ok.)	3	100 pcs	-	-
4 mm	3	100 pcs	100 pcs	100 pcs
5 mm	3	80 pcs	80 pcs	80 pcs
6 mm (all Ok.)	3	80 pcs	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



E1

CE<sub>2+</sub>



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



DATA SHEET



# ALLIN PLY COMBI (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.2/3 - DOP

## DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GC-21	Version 21 of 01/02/2021
Identification code :	EN 636-1	
Type number :	ALLIN PLY COMBI	
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			
			5			8		10	12	15	18		22	25		30		
Thickness in mm																		EN 13986 : 2004 + A1 : 2015
Bonding quality	1																	
Density : Kg/m <sup>3</sup>	480																	
Reaction to fire	E							D-s2,d0										
Release of formaldehyde	E1																	
STRENGTH : N/mm <sup>2</sup>																		
Bending // to faces			38,3			30,1		27,3	26,5	24,6	22,5		21,6	22,8	22,4		EN 13986 : 2004 + A1 : 2015	
Bending ⊥ to faces			5,2			12,2		15,6	17,1	19,8	21,7		23,2	22,7	23,4			
Tension // to faces			9,4			7,9		7,8	7,3	7,6	6,5		6,8	7,3	7,3			
Tension ⊥ to faces			14,7			16,9		16,8	17,7	17,1	18,8		18,3	17,3	17,4			
Compression // to faces			15,4			12,9		12,8	11,9	12,4	10,7		11,1	12,0	11,9			
Compression ⊥ to faces			14,7			16,9		16,8	17,7	17,1	18,8		18,3	17,3	17,4			
Planar shear // to faces			1,1			1,1		1,1	1,1	1,1	1,1		1,1	1,1	1,1			
Planar shear ⊥ to faces			1,2			1,2		1,2	1,2	1,2	1,2		1,2	1,2	1,2			
Panel shear			5,6			5,6		5,6	5,6	5,6	5,6		5,6	5,6	5,6			

DATA SHEET



# ALLIN PLY COMBI (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.3/3 - DOP

DATA SHEET

Essential characteristics	Performances														Harmonized technical specification	
			5			8		10	12	15	18		22	25		30
Thickness in mm																
<b>ELASTICITY : N/mm<sup>2</sup></b>																
Bending // to faces			7 500			5 520		4 880	4 680	4 240	3 860		3 640	3 790	3 690	
Bending ⊥ to faces			820			2 460		2 980	3 120	3 460	3 770		3 930	3 780	3 850	
Tension // to faces			4 360			3 640		3 620	3 360	3 490	3 010		3 130	3 390	3 360	
Tension ⊥ to faces			3 430			3 930		3 920	4 130	3 980	4 390		4 270	4 030	4 050	
Compression // to faces			4 360			3 640		3 620	3 360	3 490	3 010		3 130	3 390	3 360	
Compression ⊥ to faces			1 960			2 240		2 240	2 360	2 270	2 510		2 440	2 300	2 310	
Planar shear // to faces			20			20		20	20	20	20		20	20	20	
Planar shear ⊥ to faces			64			63		62	62	61	61		61	61	60	
Panel shear			420			420		420	420	410	420		420	410	410	
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															
<b>The performance of the product identified is in accordance with the declared performance.</b>																
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										