



# ALLIN POLYPLY TWIN (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>  
Veneer Quality: II/III  
100% Poplar Ply Interiors*

*Glue: Class 1 - Use in dry environment  
Glue standard: Standard EN 314  
Dimensional Tolerance: Standard EN 315  
Density: 440 kg/m<sup>3</sup> +/- 10%. Standard EN 323*

## ADVANTAGES

- *Lightweight*
- *Cutting stability*
- *Very versatile use*
- *Good weight/mechanical characteristics ratio*

## ON

## REQUEST

- *+ Calibration Value*
- *- Veneer Quality Value III*
- *Product certified PEFC™*

THICKNESS	PLIES	2500 x 1220 mm	3100 x 1530 mm
		Pack size	Pack size
5 mm	3	80 pcs	80 pcs
8 mm	5	50 pcs	50 pcs
10 mm	5	50 pcs	50 pcs
12 mm	5	40 pcs	40 pcs
15 mm	7	30 pcs	30 pcs
18 mm	7	25 pcs	25 pcs
22 mm	9	22 pcs	22 pcs
25 mm	11	20 pcs	20 pcs
30 mm	11	15 pcs	15 pcs

*Average weight per pack: 2500 x 1220 = 0,600 ton / 3100 x 1530 = 0,900 ton  
Delivery quantity tolerance +/- 10%*

General purpose plywood panel meeting CTB-X standards, for dry environments.

**Applications:** Lightweight, easy to use panel. Suitable for all types of interior layout and furnishing.



E1

CE<sub>2+</sub>



DATA SHEET



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p.2/3 - DOP

FICHE TECHNIQUE

## DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GC-12	Version 21 of 01/02/2021
Identification code :	EN 636-3	
Type number :	ALLIN POLYPLY TWIN	
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°213	

## 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	3																	
Density : Kg/m <sup>3</sup>	440																	
Reaction to fire	E								D-s2,d0									
Release of formaldehyde	E1																	
<b>STRENGTH : N/mm<sup>2</sup></b>																		
Bending // to faces			38,3				29,9		27,1	24,7	24,1	22,7		20,8	21,8	21,6		
Bending ⊥ to faces			5,2				12,1		15,5	18,3	19,6	21,5		23,1	22,6	23,1		
Tension // to faces			9,4				7,6		7,5	7,4	7,1	7,3		6,3	6,7	7,1		
Tension ⊥ to faces			14,7				16,9		16,8	16,7	17,1	16,5		18,3	17,3	16,4		
Compression // to faces			15,4				10,9		10,1	9,6	8,7	8,6		7,3	7,6	7,7		
Compression ⊥ to faces			14,7				16,9		16,8	16,7	17,1	16,5		18,3	17,3	16,4		
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				1,1		1,1	1,1	1,1	1,1		1,1	1,1	1,1		
Panel shear			5,6				5,8		5,8	5,9	5,9	5,9		5,9	5,9	5,9		



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p.3/3 - DOP

FICHE TECHNIQUE

Essential characteristics	Performances														Harmonized technical specification		
			5			8		10	12	15	18		22	25		30	
Thickness in mm			5			8		10	12	15	18		22	25	30		
<b>ELASTICITY : N/mm<sup>2</sup></b>																	
Bending // to faces			7 500			5 510		4 870	4 360	4 170	3 850		3 520	3 630	3 540		
Bending ⊥ to faces			820			2 460		2 980	3 400	3 460	3 690		3 930	3 780	3 800		
Tension // to faces			4 360			3 520		3 450	3 430	3 260	3 360		2 890	3 110	3 310		
Tension ⊥ to faces			3 430			3 930		3 920	3 880	3 980	3 840		4 270	4 030	3 810		
Compression // to faces			4 360			3 080		2 860	2 710	2 470	2 420		2 070	2 140	2 180		
Compression ⊥ to faces			1 960			2 240		2 240	2 220	2 270	2 190		2 440	2 300	2 180		
Planar shear // to faces			20			20		20	20	20	20		20	20	20		
Planar shear ⊥ to faces			64			37		32	29	27	25		25	24	23		
Panel shear			420			430		430	430	440	440		440	440	440		
Punching shear resistance	NPD																EN 13986 : 2004 + A1 : 2015
Impact resistance	NPD																
Water vapour permeability (μ)	NPD																
- 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																
	< 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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