



# ALLIN PLY 100% POPLAR



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



Unbleached Poplar peeled sides 13/10<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: 420 kg/m<sup>3</sup> +/- 10%. Standard EN 323

## ADVANTAGES

- Lightweight
- Cutting stability
- Natural light colour
- Large range of sizes

## ON

## REQUEST

- + Calibration Value
- Product certified PEFC™
- Product certified CARB II / TSCA VI

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%

Allin Ply 100% Poplar is a glued interior all-poplar Plywood panel.

**Applications:** It is intended for interior use in dry environments. Furniture, interior trim, fittings.



E1

CE<sub>2+</sub>



TSCA  
Title VI



DATA SHEET



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p.2/3 - DOP

## DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GC-01	Version 21 of 01/02/2021
Identification code :	EN 636-1	
Type number :	ALLIN PLY 100% POPLAR	
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>	420																	
Reaction to fire	E							D-s2,d0										
Release of formaldehyde	E1																	
<b>STRENGTH : N/mm<sup>2</sup></b>																		
Bending // to faces			39,7			29,2		25,8	23,1	22,7	21,2		19,7	20,7	20,6		EN 13986 : 2004 + A1 : 2015	
Bending ⊥ to faces			5,3			15,8		19,2	21,9	22,3	23,8		25,3	24,3	24,4			
Tension // to faces			15,3			13,1		13,2	13,3	12,9	13,5		11,7	12,7	13,6			
Tension ⊥ to faces			14,7			16,9		16,8	16,7	17,1	16,5		18,3	17,3	16,4			
Compression // to faces			15,3			13,1		13,2	13,3	12,9	13,5		11,7	12,7	13,6			
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			1,1			1,1		1,1	1,1	1,1	1,1		1,1	1,1	1,1			
Panel shear			6,0			6,0		6,0	6,0	6,0	6,0		6,0	6,0	6,0			

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DATA SHEET

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			6 170			4 530		4 010	3 590	3 530	3 300		3 060	3 210	3 190		
Bending ⊥ to faces			820			2 460		2 980	3 400	3 460	3 690		3 930	3 780	3 800		
Tension // to faces			3 560			3 060		3 070	3 110	3 010	3 150		2 720	2 960	3 180		
Tension ⊥ to faces			3 430			3 930		3 920	3 880	3 980	3 840		4 270	4 030	3 810		
Compression // to faces			2 030			1 750		1 750	1 770	1 720	1 800		1 550	1 690	1 810		
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			20			20		20	20	20	20		20	20	20		
Panel shear			450			450		450	450	450	450		450	450	450		
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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