



ALLIN PLY POPLAR



ARBOR

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

p.1/3 - General



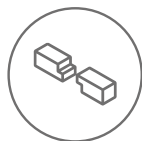
FACES	Peeled Poplar veneers 13/10 ^{ths} Faces quality B/BB - unbleached
INNER LAYERS	Standard plies - 100% Poplar
GLUE	Class 1 - Indoor use Glue Standard EN 314
DIMENSIONAL TOLERANCE	Standard EN 315
DENSITY	420 kg/m ³ (+/- 10%). Standard EN 323



E1



RECOMMENDED APPLICATIONS



Indoor
joinery



Indoor
furniture



Indoor
wall
& ceiling

BENEFITS

Lightweight
Natural light colour



TSCA
Title VI

DIMENSIONS (MM)		THICKNESS (MM)								
		5	8	10	12	15	18	22	25	30
2500 x 1220	No. of plies	3	5	5	5	7	7	9	11	11
	Pack size*	96	48	48	48	32	32	16	16	16
3100 x 1530	No. of plies	3	5	5	5	7	7	9	11	11
	Pack size*	100	50	50	50	25	25	25	25	25

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

D A T A S H E E T



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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 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
Thickness in mm			5			8		10	12	15	18		22	25	30		EN 13986 : 2004 + A1 : 2015
Bonding quality	1																
Density : Kg/m³	420																
Reaction to fire	E						D-s2,d0										
Release of formaldehyde	E1																
STRENGTH : N/mm²																	
Bending // to faces			39,7			29,2		25,8	23,1	22,7	21,2		19,7	20,7	20,6		
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		

DATA SHEET



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p.3/3 - DOP

D A T A S H E E T

Essential characteristics	Performances																Harmonized technical specification
Thickness in mm			5			8		10	12	15	18		22	25	30		EN 13986 : 2004 + A1 : 2015
ELASTICITY : N/mm²																	
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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