



ALLIN PLEX POPLAR



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 3 - Use in dry or sheltered areas Glue Standard EN 314
DIMENSIONAL TOLERANCE	Standard EN 315
DENSITY	420 kg/m ³ (+/- 10%). Standard EN 323



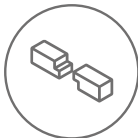
E1



RECOMMENDED APPLICATIONS



Commercial vehicles, Vans



Indoor joinery



Indoor furniture



Indoor wall & ceiling

BENEFITS

Lightweight
Natural light colour
Outdoor sheltered use



TSCA
Title VI

DATA SHEET

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%



DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GC-02	Version 21 of 01/02/2021
Identification code :	EN 636-2	
Type number :	ALLIN PLEX POPLAR	
Intended use :	Use in dry or sheltered damp environments	
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																
Bonding quality	3														EN 13986 : 2004 + A1 : 2015	
Density : Kg/m ³	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	



ALLIN PLEX POPLAR



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



p.3/3 - DOP

D A T A S H E E T

Essential characteristics	Performances														Harmonized technical specification		
			5			8		10	12	15	18		22	25		30	
Thickness in mm																	
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																
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																

EN 13986 : 2004 + A1 : 2015

EN 13986 : 2004 + A1 : 2015

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
---	-------------	-----------------	-------	------------	------	------------