



ALLIN PLEX 100% POPLAR CLASS 3



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^{ths}
Veneer Quality: II/III
100% Poplar Ply Interiors

Glue: Class 3 - Use in dry or sheltered damp environments.

Glue standard: Standard EN 314

Dimensional Tolerance: Standard EN 315

Density: 420 kg/m³ +/- 10%. Standard EN 323

ADVANTAGES

- Lightweight
- Cutting stability
- Natural light colour
- Good weight/mechanical characteristics ratio

ON

REQUEST

- Format strat 3050 x 1300 mm
- + Calibration Value
- Product certified PEFC™
- Product certified CARB II / TSCA VI

THICKNESS	PLIES	2500 x 1220 mm	2520 x 1850 mm	3100 x 1530 mm	3100 x 1850 mm
		Pack size	Pack size	Pack size	Pack size
5 mm	3	80 pcs	80 pcs	80 pcs	80 pcs
8 mm	5	50 pcs	50 pcs	50 pcs	50 pcs
10 mm	5	50 pcs	50 pcs	50 pcs	50 pcs
12 mm	5	40 pcs	40 pcs	40 pcs	40 pcs
15 mm	7	30 pcs	30 pcs	30 pcs	30 pcs
18 mm	7	25 pcs	25 pcs	25 pcs	25 pcs
22 mm	9	22 pcs	22 pcs	22 pcs	22 pcs
25 mm	11	20 pcs	20 pcs	20 pcs	20 pcs
30 mm	11	15 pcs	15 pcs	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 Plex 100% Poplar Class 3 is an exterior glued all Poplar Plywood.

Applications: It is designed for interior use or in sheltered damp environments. Furniture, interior design, vehicle fittings...



E1



TSCA
Title VI



DATA SHEET



ALLIN PLEX 100% POPLAR CLASS 3



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-02	Version 21 of 01/02/2021
Identification code :	EN 636-2	
Type number :	ALLIN PLEX 100% POPLAR CLASS 3	
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																		EN 13986 : 2004 + A1 : 2015
Bonding quality	3																	
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		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			

DATA SHEET



ALLIN PLEX
100% POPLAR
CLASS 3



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

D A T A S H E E T

Essential characteristics	Performances														Harmonized technical specification	
			5			8		10	12	15	18		22	25		30
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
---	-------------	-----------------	-------	------------	------	------------