

ALLIN PLEX POPLAR



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/m³ (+/- 10%). Standard EN 323



E1

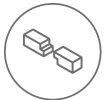
CE⁺



RECOMMENDED APPLICATIONS



Commercial
vehicles,
Vans



Indoor
joinery



Indoor
furniture



Indoor
wall
& ceiling

BENEFITS

Lightweight
Natural light colour
Outdoor sheltered use



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



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

DATA SHEET

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			



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