ALLIN PLEX OZIGO

ALLIN
le vanneau
Groupe ARBOR

ALLIN
La Motte Michel, 79270 Le Vanneau
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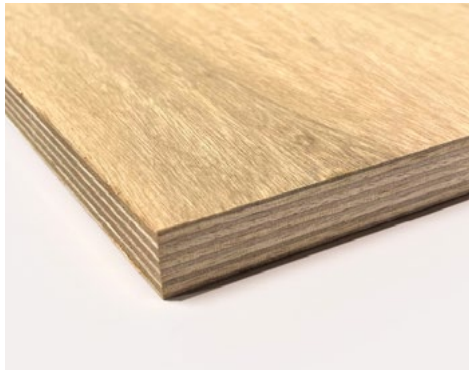

FACES	Peeled Ozigo veneers 14/10^{ths} Faces quality BB/C
INNER LAYERS	Thin plies - 100% Ozigo
GLUE	Class 3 - Outdoor use Glue Standard EN 314
DIMENSIONAL TOLERANCE	Standard EN 315
DENSITY	650 kg/m^3 (+/- 10%). Standard EN 323

3

CE

FABRIQUÉ EN FRANCE

FSC
www.fsc.org
FSC® C124575
The mark of responsible forestry

RECOMMENDED APPLICATIONS

- Caravans, RVs
- Commercial vehicles, Vans
- Truck floor
- Flooring
- Indoor & outdoor furniture

BENEFITS

Alternative to Birch plywood
Excellent mechanical resistance
Highly resistant to moisture
Naturally durable
Thin plies

DIMENSIONS (MM)		THICKNESS (MM)						
		9	12	15	18	22	25	30
2500 x 1220	No. of plies	5	7	9	11	13	15	17
	*Pack size**	*48*	*48*	*32*	*32*	*16*	*16*	*16*
3100 x 1300	No. of plies	5	7	9	11	13	15	17
	*Pack size**	*50*	*50*	*25*	*25*	*25*	*25*	*25*

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

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DECLARATION OF PERFORMANCE (DOP)		
N° DOP :	DDP GC-41	Version 23 of 22/02/2023
Identification code :	EN 636-3	
Type number :	ALLIN PLEX OZIGO	
Intended use :	Use in damp 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+	

DECLARED PERFORMANCES :																	
Essential characteristics	Performances																Harmonized technical specification
Thickness in mm						8	9		12	15	18		22	25	30		
Number of plies						5	5		7	9	11		13	15	17		
Bonding quality	3																
Density : Kg/m³	650																
Reaction to fire	E						D-s2,d0										
Release of formaldehyde	E1																
STRENGTH : N/mm²																	
Bending // to faces						44,3	42,4		40,5	38,6	37,4		36,7	36,1	35,8		EN 13986 : 2004 + A1 : 2015
Bending ⊥ to faces						20,2	22,4		28,6	33,3	36,3		38,3	39,9	41,0		
Tension // to faces						16,4	14,0		15,9	15,7	15,5		15,4	15,3	15,2		
Tension ⊥ to faces						23,3	21,5		24,7	25,4	25,9		26,2	26,4	26,6		
Compression // to faces						18,4	16,4		17,8	17,5	17,3		17,2	17,1	17,0		
Compression ⊥ to faces						26,0	24,0		27,6	28,4	28,9		29,3	29,6	29,8		
Planar shear // to faces						2,1	2,1		2,1	2,1	2,1		2,1	2,1	2,1		
Planar shear ⊥ to faces						1,7	1,3		1,7	1,7	1,7		1,7	1,7	1,7		
Panel shear						6,3	6,1		6,4	6,5	6,5		6,5	6,5	6,5		

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Essential characteristics	Performances															Harmonized technical specification
Thickness in mm						8	9		12	15	18		22	25	30	
ELASTICITY : N/mm²																
Bending // to faces						8 710	8 310		7 730	7 240	6 950		6 750	6 620	6 520	EN 13986 : 2004 + A1 : 2015
Bending ⊥ to faces						4 260	4 670		5 600	6 330	6 780		7 100	7 330	7 500	
Tension // to faces						6 540	5 810		6 340	6 230	6 160		6 110	6 070	6 050	
Tension ⊥ to faces						7 310	6 750		7 740	7 970	8 120		8 220	8 300	8 350	
Compression // to faces						6 540	5 810		6 340	6 230	6 160		6 110	6 070	6 050	
Compression ⊥ to faces						7 310	6 750		7 740	7 970	8 120		8 220	8 300	8 350	
Planar shear // to faces						114	114		114	114	114		114	114	114	
Planar shear ⊥ to faces						101	81		104	106	107		108	109	109	
Panel shear						450	440		460	470	470		470	470	470	
Punching shear resistance	NPD															EN 13986 : 2004 + A1 : 2015
Impact resistance	NPD															
Water vapour permeability (μ)																
- wet cup	70															
- dry cup	200															
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 manufactuer by :	J. ROUSSEAU	Quality Manager	The :	22/02/2023	in :	Le Vanneau