



ALLIN FLAM OKOUME



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 Okoume veneers 15/10 ^{ths} Faces quality B/BB
INNER LAYERS	Standard plies - 100% Okoume
GLUE	Class 3 - Outdoor use Glue Standard EN 314
DIMENSIONAL TOLERANCE	Standard EN 315
DENSITY	500 kg/m ³ (+/- 10%). Standard EN 323



B
EUROCLASS

E1

CE₁



FABRIQUÉ EN
FRANCE



The mark of
responsible forestry

RECOMMENDED APPLICATIONS



Flooring



Shopfitting



Indoor
wall
& ceiling

BENEFITS

Strong mechanical resistance
Good resistant to moisture
Naturally durable

Fire resistant to European standard
Euroclass (B-s1,d0)

DIMENSIONS (MM)		THICKNESS (MM)									
		6	8	10	12	15	18	22	25	30	40
2500 x 1220	No. of plies	5	5	5	7	7	9	9	11	13	17
	Pack size*	16	16	16	16	16	16	16	16	16	16
3100 x 1530	No. of plies	5	5	5	7	7	9	9	11	13	17
	Pack size*	25	25	25	25	25	25	25	25	25	25

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

DATA SHEET



DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GT-31	Version 21 of 01/02/2021
Identification code :	EN 636-3	
Type number :	ALLIN FLAM OKOUME	
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 1	
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°217	

DECLARED PERFORMANCES :

Essential characteristics	Performances														Harmonized technical specification		
			5			8		10	12	15	18		22	25		30	40
Thickness in mm			5			8		10	12	15	18		22	25	30	40	EN 13986 : 2004 + A1 : 2015
Bonding quality	3																
Density : Kg/m ³	500																
Reaction to fire	B-s1,d0																
Release of formaldehyde	E1																
STRENGTH : N/mm ²																	
Bending // to faces			46,0			38,4		33,8	32,2	29,0	33,3		29,9	26,6	25,9	25,1	EN 13986 : 2004 + A1 : 2015
Bending ⊥ to faces			12,3			19,5		23,9	25,3	26,2	23,8		27,2	30,3	30,8	31,5	
Tension // to faces			12,0			9,0		9,6	8,1	9,6	11,9		10,2	9,1	9,0	9,0	
Tension ⊥ to faces			9,6			12,5		11,9	13,3	11,8	9,5		11,2	12,2	12,3	12,3	
Compression // to faces			19,7			14,8		15,7	13,3	15,7	19,5		16,7	14,9	14,8	14,7	
Compression ⊥ to faces			15,8			20,5		19,5	21,9	19,4	15,5		18,3	20,0	20,1	20,2	
Planar shear // to faces			1,3			1,3		1,3	1,3	1,3	1,3		1,3	1,3	1,3	1,3	
Planar shear ⊥ to faces			1,3			1,3		1,3	1,3	1,3	1,3		1,3	1,3	1,3	1,3	
Panel shear			6,0			6,0		6,0	6,0	5,9	5,9		5,9	5,9	5,9	5,9	



Essential characteristics	Performances															Harmonized technical specification	
			5			8		10	12	15	18		22	25	30		40
Thickness in mm																	
ELASTICITY : N/mm²																	
Bending // to faces			7 220			6 020		5 300	5 050	4 770	5 220		4 680	4 160	4 060	3 930	EN 13986 : 2004 + A1 : 2015
Bending ⊥ to faces			1 920			3 060		3 740	3 960	4 200	3 720		4 260	4 740	4 830	4 930	
Tension // to faces			4 970			3 730		3 970	3 350	3 950	4 920		4 220	3 760	3 740	3 710	
Tension ⊥ to faces			3 990			5 190		4 920	5 520	4 900	3 920		4 620	5 060	5 080	5 100	
Compression // to faces			4 970			3 730		3 970	3 350	3 950	4 920		4 220	3 760	3 740	3 710	
Compression ⊥ to faces			3 990			5 190		4 920	5 520	4 900	3 920		4 620	5 060	5 080	5 100	
Planar shear // to faces			67			67		67	67	67	67		67	67	67	67	
Planar shear ⊥ to faces			69			69		68	68	68	67		67	67	67	67	
Panel shear			410			410		410	410	410	410		410	410	410	400	
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
---	-------------	-----------------	-------	------------	------	------------