



ALLIN FLAM 100% OKOUME (Euroclass B)



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



*Peeled Okoume Veneers 15/10ths
Veneer Quality: II/III
100% Okoume Ply Interiors*

*Glue: Class 3 - Suitable for use in damp environment
Glue standard: Standard EN 314
Dimensional Tolerance: Standard EN 315
Density: 550 kg/m³ +/- 10%. Standard EN 323*

ADVANTAGES

- Fire resistant to European standard Euroclass (B-s2, d0)
- Moisture resistant
- Good mechanical resistance

ON

REQUEST

- + Calibration Value
- - Veneer Quality Value III
- + Veneer Quality Value I
- Varnish, fire retardant paint
- Product certified FSC®

THICKNESS	PLIES	2500 x 1220 mm	3100 x 1530 mm
		Pack size	Pack size
6 mm	5	80 pcs	80 pcs
8 mm	5	50 pcs	50 pcs
10 mm	5	50 pcs	50 pcs
12 mm	7	40 pcs	40 pcs
15 mm	7	30 pcs	30 pcs
18 mm	9	25 pcs	25 pcs
22 mm	9	22 pcs	22 pcs
25 mm	11	20 pcs	20 pcs
30 mm	13	15 pcs	15 pcs
40 mm	17	10 pcs	10 pcs

Delivery quantity tolerance +/- 10%

Applications: Fire-resistant panel for interior and/or exterior design and layout in both public and private areas. Uses: all types including fittings for shops and commercial premises, stands...

Allin Flam 100% Okoume obtains its classification through impregnation. For all varnished, stained and lacquered finishes, please contact us.



La marque de la gestion forestière responsable





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DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GT-31	Version 21 of 01/02/2021
Identification code :	EN 636-3	
Type number :	ALLIN FLAM 100% OKOUME (Euroclass B)	
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	
Bonding quality	3																EN 13986 : 2004 + A1 : 2015
Density : Kg/m ³	500																
Reaction to fire	B-s2, d0																
Release of formaldehyde	E1																
STRENGTH : N/mm²																	
Bending // to faces			46,0			38,4		33,8	32,2	29,0	33,3		29,9	26,6	25,9	25,1	
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	



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DATA SHEET

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	
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
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