



ALLIN MARINE FACES SAPELLI BS1088



ARBOR

ALLIN
La Motte Michel, 79270 Le Vanneau
Tel. : +33 (0)5 49 35 15 82
contact.allin@groupe-arbor.com
www.allin.fr



FACES	Peeled Sapelli veneers 13/10 ^{ths} Faces quality B/BB
INNER LAYERS	Thin & Selected & Garant plies - 100% Okoume
GLUE	Class 3 - Marine Glue Standard EN 314
DIMENSIONAL TOLERANCE	Standard EN 315
DENSITY	525 kg/m ³ (+/- 10%). Standard EN 323



BS 1088

E1



The mark of
responsible forestry

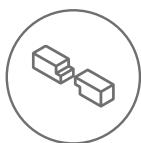
RECOMMENDED APPLICATIONS



Caravans,
RVs



Marine



Indoor
& outdoor
joinery



Indoor
& outdoor
furniture

BENEFITS

Excellent mechanical resistance

Highly resistant to moisture

Naturally durable

Thin plies

Rigorously selected veneers

DIMENSIONS (MM)		THICKNESS (MM)						
		4	6	9	12	15	18	22
2500 x 1220	No. of plies	3	5	5	7	9	11	13
	Pack size*	10	10	10	10	10	10	10
3100 x 1530	No. of plies	3	5	5	7	9	11	-
	Pack size*	10	10	10	10	10	10	-

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



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D A T A S H E E T

DECLARATION OF PERFORMANCE (DOP)

N° DOP :	DDP GM-02	Version 21 of 01/02/2021
Identification code :	EN 636-3	
Type number :	ALLIN MARINE FACES SAPELLI BS1088	
Intended use :	Use in a nautical 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+	
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	
Thickness in mm		4		6			9		12	15	18		22				EN 13986 : 2004 + A1 : 2015
Bonding quality	3																
Density : Kg/m³	525																
Reaction to fire	E						D-s2,d0										
Release of formaldehyde	E1																
STRENGTH : N/mm²																	
Bending // to faces		88,3		65,7			51,9		44,9	44,6	42,2		37,8				
Bending ⊥ to faces		7,9		20,3			27,6		30,6	28,5	29,0		31,6				
Tension // to faces		32,2		16,6			11,2		10,4	12,6	12,5		11,4				
Tension ⊥ to faces		12,0		9,9			14,4		14,7	12,3	12,2		13,0				
Compression // to faces		30,3		27,2			18,4		17,0	20,6	12,2		18,7				
Compression ⊥ to faces		19,7		16,3			23,5		24,1	20,1	12,2		21,4				
Planar shear // to faces		1,4		1,4			1,4		1,4	1,4	12,2		1,4				
Planar shear ⊥ to faces		2,2		1,4			1,4		1,4	1,4	12,2		1,4				
Panel shear		6,2		6,2			6,2		6,2	6,2	12,2		6,2				



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DATA SHEET

Essential characteristics	Performances															Harmonized technical specification	
Thickness in mm		4		6			9		12	15	18		22				EN 13986 : 2004 + A1 : 2015
ELASTICITY : N/mm²																	
Bending // to faces		11 680		8 730			6 940		6 080	6 180	5 900		5 310				
Bending ⊥ to faces		1 240		3 180			4 330		4 790	4 460	4 540		4 960				
Tension // to faces		6 580		6 530			4 410		4 080	4 950	4 900		4 490				
Tension ⊥ to faces		4 730		3 900			5 650		5 790	4 820	4 790		5 130				
Compression // to faces		6 580		6 530			4 410		4 080	4 950	4 900		4 490				
Compression ⊥ to faces		4 730		3 900			5 650		5 790	4 820	4 790		5 130				
Planar shear // to faces		70		70			70		70	70	70		70				
Planar shear ⊥ to faces		70		70			70		70	70	70		70				
Panel shear		430		430			430		430	430	430		430				
Résistance au poinçonnement	NPD																EN 13986 : 2004 + A1 : 2015
Résistance au choc	NPD																
Perméabilité à la vapeur d'eau (μ)																	
- coupelle humide	45																
- coupelle sèche	180																
Absorption acoustique [250-500] Hz	0,1																
Absorption acoustique [1000-2000] Hz	0,3																
Conductivité thermique (W/m.K)	0,13																
Teneur en pentachlorophénol (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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