

DECLARATION OF PERFORMANCE



Manufacturer	STAR PLY GABON <i>Adress: BP 1024 B2/B1 GSEZ Libreville -Gabon</i> <i>Email : starplygabon@gmail.com</i>	
certificates	CE N°:0380-CPR-800	
	CTB-X: N°80	
	KOMO : 21100 Class II	
	Mill N°ICTT-19076	
Harmonised standard	EN 13986:2004+A1:2015	
Evaluation system	2+	
Type of use according EN 636	Structural use	
Specie and appearance quality of veneer standard EN 635-2	100% Okoume Face quality and face down B/ BB and II/II	
Durability of specie according EN 350-2	1 to 4	
Sizes	2440 x 1220 ,2500 X 1220 mm and 3100 X 1530 mm	
Thickness (mm)	4, 5 ,6 ,8 ,10 ,12 ,15 ,18 ,19 ,20 ,22 ,25 ,30 ,40	
Dimensional tolerance standard EN 315:2020 and EN 324	Length and width: ±3,5 mm Edge straightness and squaring:1mm/m Thickness deviation in the same plywood : 0,6mm	
Density Standard EN 323 :	500 kg /m3 ± 30	
Gluing class EN 314-1 and 2	Class 3 for use in an exterior environment According EN 636-3 S	

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type of glue	phenol exterior			
Formaldehyde release	E1 -Release $\leq 3,5\text{mg/M}^2\text{ h}$			
EN ISO 12460-3 :2016				
Bonding Quality	Thickness	Number	Tensile stress	Percentage of
Standards	(mm)	plies	(N/mm ²)	apparent
EN 314-1 and 2				wood rupture
				(%)
	4	3	0,72	76
	5	3	0,92	70
	8	5	0,82	87
	10	5	1,5	40
	12	7	1,32	75
	15	7	1,41	60
	18	9	1,12	65
	19	9	1,34	70
	22	9	1,02	68
	25	11	1,32	55
	30	17	1,71	70
	40	19	1,32	75
EN 310				
Technical characteristic	Thickness	Number plies	Modulus of elasticity	
Standard EN 310	(mm)		average (N/mm ²)	
			Along grain	Short grain
	8	5	4200	3900
	10	5	4010	4200
	12	7	4800	4200
	15	7	5300	4200
	18	9	4800	4200
	19	9	4800	4080
	22	9	4100	4250
	25	11	4500	3800
	30	17	4430	4100
	40	19	4300	3900

N°002/01-2022 EN

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Sound absorption	NPD
reaction to fire	D,s2-d0 for the thicknesses \geq 9mm
	According norm EN 13986:2004+A1 2015

Manager certifications

Carl Angone

