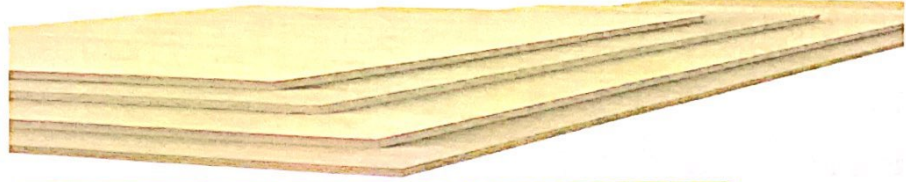


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**DECLARATION OF PERFORMANCE
(DOP)**

Manufacturer	<p align="center">STAR PLY GABON <i>Adress: BP 1024 B2/B1 GSEZ Libreville -Gabon</i> <i>Email : starplygabon@gmail.com</i></p>			
certificates	CE N°:0380-CPR-800			
	CTB-X: N°80			
	KOMO : 21100			
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 or II/III			
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)	3 ,4, 5 ,6 ,8 ,10 ,12 ,15 ,18 ,19 ,20 ,22 ,25 ,30 ,35 ,40			
Dimensional tolerance standard EN 315 and EN 324	Length and width: ±3,5 mm Edge straightness and squaring:1mm/m Maximum thickness: Tickness +(0,2+0,03 thickness) Thickness minimale : Thickness -(0,4+0,03t thickness) 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			
type of glue	phenol exterior			
Formaldehyde release EN ISO 12460-3 :2016	E1 -Release ≤3,5mg/M2 h			
Bonding Quality Standards EN 314-1 and 2	Thickness (mm)	Number plies	Tensile stress (N/mm2)	Percentage of apparent wood rupture (%)
	5	3	0,92	70
	10	5	1,5	40
	12	7	1,32	75
	15	7	1,41	60
	18	9	1,12	65
	25	11	1,32	55
	35	17	1,71	70
	40	19	1,32	75



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Mechanical characteristic Standard EN 310	Thickness (mm)	Number plies	Modulus of elasticity		Tensile Strength	
			average (N/mm ²)		average (N/mm ²)	
			Along grain	Short grain	Along	across
	5	3	4200	3900	39,2	42,3
	10	5	4010	4200	40,2	41,2
	12	7	4800	4200	39,8	45,9
	15	7	5300	4200	39,9	45,8
	18	9	4800	4080	40,7	49,6
	25	11	4500	3800	39,7	43,2
	35	17	4430	4100	39,1	45,2
	40	19	4300	3900	60,8	46,8
Sound absorption	NPD					
reaction to fire	D,s2-d0 for the thicknesses ≥ 9mm According norm EN 13986:2004+A1 2015 (§ 5.8)					

Manager certifications
Carl Angone

