



Peeled Okoume Veneers 10/10th
Veneer Quality: II/III
Okoume interior plies
Core: 4 or 6 mm of insulation of 2286 kg/m³
(HD: High density)

Glue: Class 2 - Use in dry or sheltered damp environment
Glue standard: Standard EN 314
Dimensional Tolerance: Standard EN 315

THICKNESS	PLIES	2500 x 1220/1530 mm
		Pack size
16 mm	3	5 pcs
18 mm	3	
22 mm	3	
26 mm	3	

Delivery quantity tolerance +/- 10%

Sandwich panel consisting of an insulating core and 2 exterior panels of Okoume plywood.

Applications: Recommended for situations which require good sound insulation such as engine housings, cabins, hatches, noisy areas and flooring.

ADVANTAGES

- Heightened phonic performance
- Fast and easy to install
- Good performance/thickness ratio

ON

REQUEST

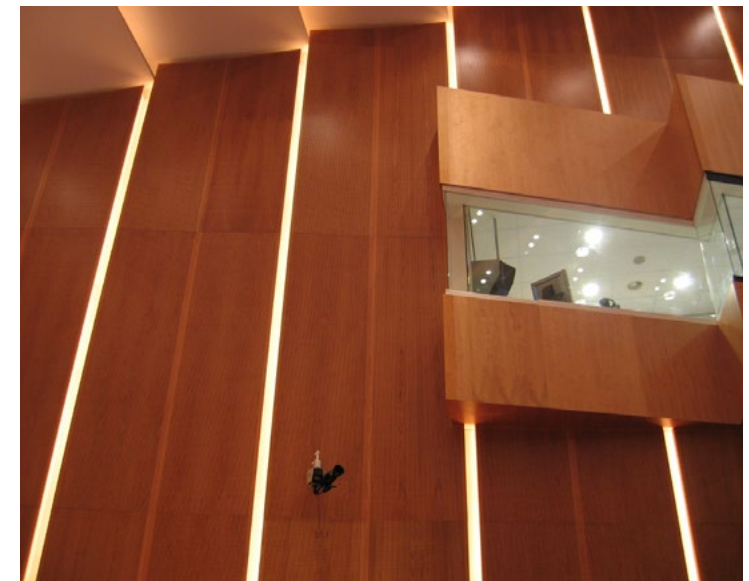
- Lead core variant: sound and radiation insulation
- Acoustic tests
- Product certified FSC®



E1



La marque de la gestion forestière responsable





PRODUCT	Core thickness (mm)	Total thickness (mm)	Mass per unit area kg/m ²	Perpendicular traction to faces
Woodphonic Light 16	6	16	9.47	
Woodphonic Light 18	6	18	10.20	
Woodphonic Light 22	6	22	11.50	
Woodphonic Light 26	6	26	14.73	Tp (Mpa) 0.84
Woodphonic Light 36	6	36	19.00	Tp (Mpa) 0.94
Woodphonic HD 16	4	16	15.00	
Woodphonic HD 20	6	20	24.00	

ACOUSTIC RESULTS

Test results n R025-ACG-08-102260-1

Frequency Hz	Woodphonic Light 16 mm	Woodphonic HD 16 mm	Woodphonic HD 20 mm
	Niveau en db		
100	28,21	28,56	30,26
125	18,08	26,77	29,03
160	23,11	24,49	28,79
200	23,79	26,15	28,98
250	24,40	26,38	29,45
315	24,26	26,32	29,97
400	24,15	26,29	29,88
500	24,55	26,59	30,32
630	27,07	29,07	32,97
800	28,68	30,67	34,57
1000	30,85	32,77	36,86
1250	32,26	33,85	38,10
1600	34,00	34,88	39,93
2000	35,35	35,17	41,59
2500	36,56	34,14	43,14
3150	37,40	32,73	44,91
4000	36,77	32,59	45,19
5000	36,19	37,18	45,81

- Woodphonic Light 16 mm
- Woodphonic HD 16 mm
- Woodphonic HD 20 mm

