

TEBOPROFIL

1. **Identification code:** Plywood 100% Okoume - EN 636-3 S
 2. **Type number:** 100% Okoume for exterior conditions
 3. **Intended use:** Non structural exterior
 4. **Manufacturer:**
THEBAULT JEAN SAS - 47 rue des Fontenelles - F79460 Magné
 5. **Authorized representative:** not applicable
 6. **System of assessment and verification of constancy of performance:** 4
 7. **Certificate of conformity of the factory production control issued by:** FCBA (0380)
 8. **European technical assessment:** not applicable
 9. **Declared performances:** harmonized technical specification EN 13986:2004+A1:2015
- Essential characteristics and performances**

Thickness (mm)		10	15
Number of plies		5	7
RESISTANCE (N / mm ²)			
Tension f_t	//	NPD	NPD
	└┘	NPD	NPD
Compression f_c	//	NPD	NPD
	└┘	NPD	NPD
Bending f_m	//	NPD	NPD
	└┘	NPD	NPD
Planar shear f_r	//	NPD	NPD
	└┘	NPD	NPD
Panel shear f_v	//	NPD	NPD
	└┘	NPD	NPD
MODULUS OF ELASTICITY (N / mm ²)			
Tension E_t	//	NPD	NPD
	└┘	NPD	NPD
Compression E_c	//	NPD	NPD
	└┘	NPD	NPD
Bending E_m	//	NPD	NPD
	└┘	NPD	NPD
Planar shear G_r	//	NPD	NPD
	└┘	NPD	NPD
Panel shear G_v	//	NPD	NPD
	└┘	NPD	NPD
REACTION TO FIRE		NPD	
THERMAL CONDUCTIVITY (W/m.K)		$\lambda = 0,13$	

MEAN STIFFNESS IN BENDING UNDER CONCENTRATED LOAD R_{mean} (N / MM)					
NPD					
ULTIMATE CHARACTERISTIC STRENGTH UNDER CONCENTRATED LOAD - $F_{max,k}$ (kN)					
NPD					
SERVICEABILITY CHARACTERISTIC STRENGTH UNDER CONCENTRATED LOAD - $F_{ser,k}$ (kN)					
NPD					
RACKING RESISTANCE (WALL SHEATHING ON STUDS)	NPD To obtain the values by mean of calculation, use EN 1195-1-1 with a density of 500 (kg/m ³)				
IMPACT RESISTANCE	NPD In accordance with the requirements of EN 12871 in impact resistance				
WATER VAPOUR PERMEABILITY	μ Wet cup				
	μ Dry cup				
	44				
	187				
RELEASE OF FORMALDEHYDE	$\leq 0,062$ mg/m ³ , 1/2 E1 IAW EN 717-1				
CONTENT OF PENTACHLOROPHENOL	PCP < 5 ppm				
AIRBORNE SOUND ABSORPTION	NPD The sound transmission loss R of a single wood based panel, measured in dB, is related the mean surface mass mA en kg/m ² according to the following equation (which is only valid for the frequency range of 1 kHz to 3 kHz and at a surface mass > 5 kg/m ²): $R = 13 \times \lg (mA) + 14$				
SOUND ABSORPTION (COEFFICIENT)	Frequency range 250 Hz to 500 Hz				
	Frequency range 1000 Hz to 2000 Hz				
	0,10				
	0,30				
EMBEDMENT STRENGTH	NPD To obtain the values by mean of calculation, use EN 1195-1-1 with a density of 500 kg/m ³				
AIR PERMEABILITY (FLOW)	0,0 m ³ /(h.m ²)				
BONDING	Class 3 (EN 636-3) according to EN 314-2				
MODIFICATION FACTOR k_{mod}	Duration of load				
	Permanent	Long	Medium	Short	Instantaneous
	-	-	-	-	-
DEFORMATION FACTOR k_{def}	Service class				
	1	2	3		
	-	-	-		
BIOLOGICAL DURABILITY - USE CLASS	3				

10. **Performance of the product:**
The performance of the product identified in points 1 and 2 is in conformity with the declared performance of point 7.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by :



Antoine THEBAULT, President
Issued in Magné - 18/03/24

www.groupe-thebault.com