

TEBOPROFIL



Wall cladding, gables, roof ends and attics, finishing of eaves, garage doors, wooden structures.



DESCRIPTION

Base board: throughout Okoume plywood produced from severely selected veneers

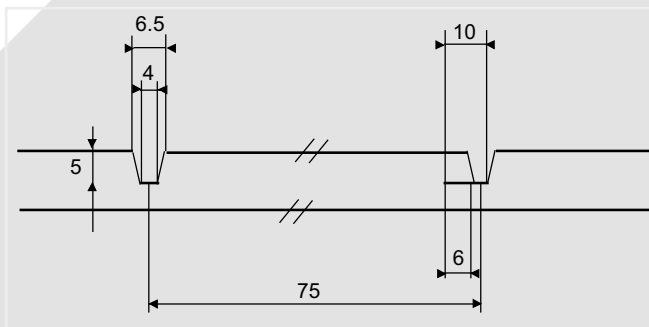
Faces (IAW EN 635-2): II / III

Further processing of the face side: U Groove

Finishing: sanded 2 sides

Further processing of the edges: Shiplapped

Further processing profile (10 mm)



Average density (IAW EN 323): 500 kg/m³ (+/- 10%)

Bonding (IAW EN 314-2): class 3

Service (IAW EN 636): class 3 exterior conditions

Formaldehyde release classification (IAW EN 717-1): E0.5 (≤ 0,062 mg/m³)

Content of Pentachlorophenol (IAW EN 13986): PCP ≈ 0 ppm

SIZES, NUMBER OF PLYS & PACKAGING

Thicknesses (mm)	Number of plies	Sizes (mm)	Packing
10	(5)	2500 x 1205	45
15	(7)		30

Other sizes & thicknesses: on request

OPTIONS

Preservative treatments, fungicide & Insecticide, antitermite: optional on request

Cutting & TG processing: optional on request

STORAGE

Flat, on intermediate bearers, in an enclosed dry and ventilated building, clear of the ground. As far as storage on site is concerned, provision should be made to cover the panels with an opaque waterproof sheeting with the underside of the stacks clear of the ground.

FURTHER PROCESSING & INSTALLATION

Compliance with standard practice, with regulations and with health and safety rules should be maintained at all times.

Cutting and machining in the workshop possible except laser technology

PRODUCTION SITES

Production on Thébault's sites in France



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Applications

Humid conditions	Conditions corresponding to service class 2 of ENV 1995-1-1 which is characterised by a moisture content in the material corresponding to a temperature of 20 °C and a relative humidity of the surrounding air only exceeding 85 % for a few weeks per year
External Conditions	Conditions corresponding to service class 3 of ENV 1995-1-1 which is characterised by climatic conditions leading to higher moisture contents than in service class 2

Nail and screw holding (t = 15 mm)

Nail	Face and edge: 300 N	
	Face	Edge
Screw	1450 N	1150 N

Bending radius (mm)

Thicknesses	10	15
// -L-	NPD	NPD

Sound absorption coefficient

IAW EN 13986 Table N°10	Frequency range	
	250 Hz to 500 Hz	1000 Hz to 2000 Hz
	0,10	0,30

Thermal conductivity

IAW EN 13986	$\lambda = 0,13$
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Characteristic density

IAW EN 789	430 kg/m ³
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Vapour permeability

IAW EN 13986 Table 9	Wet cup	Dry cup
	70 μ	200 μ

Reaction to fire

End use condition In reference to table 8 of EN 13986 - 2004+A1:2015	Minimum thickness	Class excluding floorings	Class floorings
Without an air gap behind the panel	9 mm	D-s2,d0	D _{fl} -s1
With a closed or an open air gap not more than 22 mm behind the woodbased panel	9 mm	D-s2,d2	-
With a closed air gap behind the wood-based panel	15 mm	D-s2,d1	D _{fl} -s1
With an open air gap behind the wood-based panel	18 mm	D-s2,d0	D _{fl} -s1
Any	3 mm	E	E _{fl}

Airbone sound absorption

IAW EN 13986 Paragraph 5.10	The sound transmission loss R of a single wood-based panel, measured in dB, is related the mean surface mass m_A 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): $R = 13 \times \lg(m_A) + 14$
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TECHNICAL SUITABILITY & CERTIFICATION

CE Structure attestation of conformity 1	0380 - DOP* - CPR - EN 13986 : 2004 + A1 : 2015 - EN 636-3 E1 * DOP : Declaration of Performance available on www.groupe-thebault.com
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Quality marks (country)	CE Marking	Information on the emission level of volatile substances within the indoor air, showing a risk of toxicity in case of inhalation, based on a scale going from A+ (very low emissions) to C (high emissions). Scenarios flooring/ceiling
NF Extérieur CTB-X (F) 	CE (Non Structural) 	