

# OKOUME-TWIN

REVISION 01 FEBRUARY 2021

## DESCRIPTION

Plywood panel made of outer faces rotary cut exotic "Okoume" (*Aucoumea klaineana*) with poplar inner layers. OKOUME-TWIN is available in a wide range of gluing and is particularly suitable for those applications who require good durability and high mechanical performances. Panguaneta exotic plywood meets the programs for forest sustainable development.

On demand OKOUME-TWIN can be supplied certified according to the FSC® (license Code FSC-C019345) and PEFC forest standard.

## APPLICATIONS



BOATBUILDING

FURNITURE  
AND DESIGNARCHITECTURE  
AND CONSTRUCTION

## CERTIFICATIONS



ON DEMAND

ON DEMAND

FIRE B-s1,d0  
ON DEMAND

## GLUING



## FORMALDEHYDE RELEASE



ON DEMAND

ON DEMAND

ON DEMAND

## SIZES

	Standard	Unit	Value					
Standard sizes		mm	2500 x 1220 – 2500 x 1700 3100 x 1530 – 3100 x 1830					
Thickness	EN 315	mm	15	18	25	30	35	40
Layers		nr.	7	9	11	13	15	17

## FEATURES

	Standard	Unit	Value
Voluminal mass	EN 323	Kg/m <sup>3</sup>	450 ± 10%
Bending strength Long grain/Cross grain	EN 310	N/mm <sup>2</sup>	from ≥40 / ≥30 for thickness 15 mm to ≥30 / ≥35 for thickness 40 mm
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	≥3000 (average L/T)
Thermal conductivity	EN 10456	W/m K	0,12
Moisture	EN 322	%	8 ÷ 12
<b>Reaction to fire</b>			
Standard	EN 13986		D-s2,d0 – Dfl-s1 (for thicknesses ≥9 mm and voluminal mass ≥400 kg/m <sup>3</sup> )
On demand	EN 13501-1		Euroclasse B-s1,d0 (for thicknesses from 5 to 40 mm)
<b>Dimensional tolerances</b>			
Thickness	EN 315	mm	+ (0,2 + 0,03 t); - (0,4 + 0,03 t)
Length / Width	EN 315	mm	± 3,5
Orthogonality	EN 315	mm/m	1

None of the following tests has been subject to preliminary conditioning. The specific values are average values referred to the normal production. It is responsibility of the customer to determine if Panguaneta's products are suitable for the wished applications and to ensure that places and way of use comply with the supplier's instructions and with the law in force.

