

PANGUA-FIRE OKOUME TWIN

REVISION 01 FEBRUARY 2021

DESCRIPTION

Plywood panel made of outer faces rotary cut exotic "Okoume" (*Aucouméa klaineana*) with poplar inner-layers, modified by an innovative fireproofing treatment which makes the whole panel exceptionally resistant to fire even after sanding or other kinds of machining. PANGUA-FIRE is classified as B-s1,d0 according with the European Norm EN 13501-1; its excellent mechanical characteristics make it suitable to be used in interior design. On demand PANGUA-FIRE can be supplied certified according to the FSC® (license Code FSC-C019345) and PEFC forest standard.

APPLICATIONS



AUTOMOTIVE



BOATBUILDING

FURNITURE
AND DESIGNARCHITECTURE
AND CONSTRUCTION

PARQUET

CERTIFICATIONS



FIRE B-s1,d0

GLUING

CLASS
1

FORMALDEHYDE RELEASE



ON DEMAND

SIZES

	Standard	Unit	Value								
Standard sizes		mm	2500 x 1220 – 3100 x 1530								
Thickness	EN 315	mm	5	6	8	10	12	15	18	25	40
Layers		nr.	3	5	5	5	7	7	9	11	17

FEATURES

	Standard	Unit	Value
Voluminal mass	EN 323	Kg/m ³	550 ± 10%
Bending strength Long grain/ Cross grain	EN 310	N/mm ²	from ≥40 / ≥10 for thickness 6 mm to ≥25 / ≥30 for thickness 40 mm
Modulus of elasticity	EN 310	N/mm ²	≥3000 (average L/T)
Thermal conductivity	EN 10456	W/m K	0,12
Moisture	EN 322	%	8 ÷ 12
Reaction to fire	EN 13501-1		Euroclass B-s1,d0
Dimensional tolerances			
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.

