

Technical data sheet

Okoumè Exterior Plywood

Description

Plywood panel, phenol or melamine gluing, constructed exclusively with Okoumè wood.

Performances and applications

The Okoumè Plywood is characterized by an excellent durability and a high mechanical resistance, despite its low weight. The phenol or melamine gluing is suitable for exterior applications (EN 314 Classe 3 - UNI 6478 / 69 Type M 100). The panels are made in conformity to the norms AFNOR and certified by e French CTBA, have achieved the mark CE for permanent external environments in structural building according to the norm EN 13896

Characteristics	Norm	Unit	Value		
Panel thickness	EN315	mm	4	15	25
Layers		n°	3	7	11
Gluing	EN 314.2		Class 3		
Wood species			100 % rotary cut Okoumé veneer		
Surface weight	EN 324.1	kg/m ²	2,1	7,9	13,1
Standard sizes	EN 315	cm	250 x 122; 310 x 153		
Bending resistance					
Long grain	EN 310	MPa	48	33	30
Cross grain			16	23	24
E-modulus					
Long grain	EN 310	MPa	7700	5200	4700
Cross grain			2300	2700	3200
Thermal conductivity	UNI 7745	W/m K	0,16		
Size tolerance					
Thickness	EN 315	mm	+0,2+0,03s ; - 0,4+0,03s		
Length / Width	EN 315	mm	< 1000=±1 ; 1000÷2000=±2 ; >2000=±3		
Edges orthogonality	EN 315	%	± 0,1		

Notes :

The information contained in this technical data sheet is given as a pure indication and can be modified without prior notice. The purchaser is responsible for verifying the product's adequacy to the end uses and for making sure that the use's place and criteria comply with the Manufacturer's prescriptions and with the laws in force.