

Tecnical 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 | | Class 3 | | |
| Wood species | | | 100 % rotary cut Okoumé veneer | | |
| Surface weight | EN 323 | 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.