

MARINE PLYWOOD

# Okoumè RINA

High-performance RINA certified marine plywood, with standard and multi-layered structure.

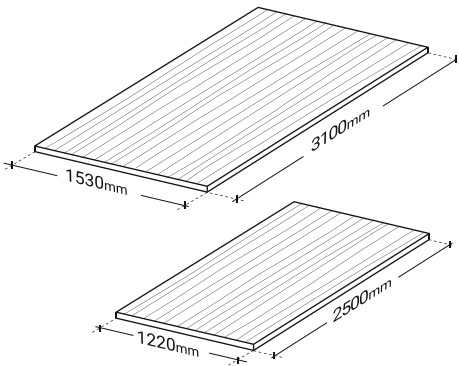
**Sizes** 3100 x 1530 mm  
2500 x 1220 mm

**Weight** 500 kg/m<sup>3</sup> (standard)  
520 kg/m<sup>3</sup> (multi-layered)

**Glueing** Class 3 - E0, EN 314-1:2004 regulations  
Melamine and phenolic adhesive E05

NAF glueing upon request\*

RINA certificate nr  
DIP 475721 CS/002



\*Formaldehyde-free adhesive ensuring emission levels significantly below standard requirements.

TECHNICAL SPECIFICATIONS OF RINA CERTIFIED OKOUMÈ

STANDARD

| Thickness | Plies | Weight |
|-----------|-------|--------|
| mm        | n°    | kg/m²  |
| 2         | 3     | 1,0    |
| 3         | 3     | 1,5    |
| 4         | 3     | 2,0    |
| 5         | 3     | 2,5    |
| 6         | 4     | 3,0    |
| 8         | 5     | 4,0    |
| 10        | 5     | 5,0    |
| 12        | 7     | 6,0    |
| 15        | 7     | 7,5    |
| 18        | 9     | 9,0    |
| 19        | 9     | 9,5    |
| 20        | 9     | 10,0   |
| 22        | 11    | 11,0   |
| 25        | 11    | 12,5   |
| 30        | 13    | 15,0   |
| 40        | 17    | 20,0   |

MULTI-LAYERED

| Thickness | Plies | Weight |
|-----------|-------|--------|
| mm        | n°    | kg/m²  |
| 6         | 5     | 3,1    |
| 10        | 7     | 5,2    |
| 12        | 9     | 6,2    |
| 15        | 9     | 7,8    |
| 18        | 11    | 9,4    |
| 20        | 11    | 10,4   |
| 22        | 13    | 11,4   |
| 25        | 15    | 12,5   |
| 30        | 17    | 15,6   |

| Thickness | Plies | Bending Strength |              | Bending Modulus |             |
|-----------|-------|------------------|--------------|-----------------|-------------|
|           |       | N/mm²            |              | N/mm²           |             |
| mm        | n°    | Long Grain       | Cross Grain. | Long Grain      | Cross Grain |
| 10        | 5     | 46,0             | 32,0         | 6800            | 4000        |
| 15        | 7     | 43,0             | 29,0         | 6200            | 3600        |

Dimensional tolerances comply with the requirements of standard EN 315. Customized thicknesses and configurations upon request.



Thermal conductivity  
UNI 7745

} 0,14 W/mK