

Okoumé Marine Plywood

100% Okoume Plywood also available RINA Certified.

Features excellent mechanical properties, in spite of a low weight.

Thanks to A lower-than E1-EN13986 Formaldehyde emission and EN 314-2 Class 3 Bonding Quality, it is a typical component used in Marine Industry

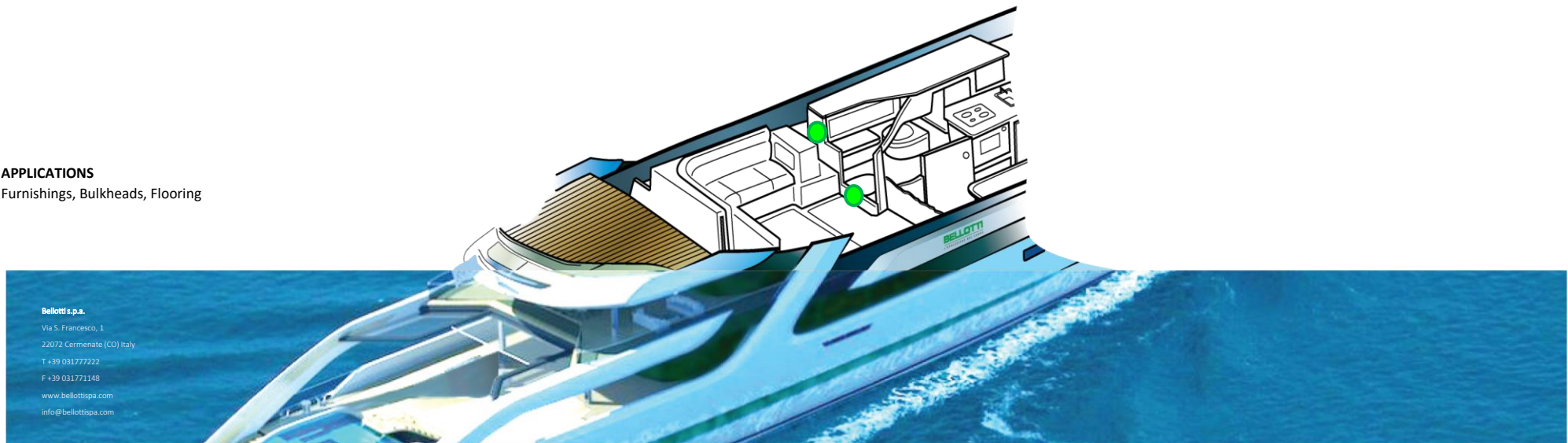


| Property | Standard | Unit of Measure | Values | | | | | | | | |
|------------------------------|-----------|-------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Nominal Thickness | [] | mm | 4 | 6 | 8 | 10 | 12 | 15 | 18 | 20 | 25 |
| Layers | [] | [] | 3 | 5 | 5 | 5 | 7 | 7 | 9 | 9 | 11 |
| Surface Weight | [] | kg/m ² | 2 | 3 | 4 | 5 | 6 | 7,5 | 9 | 10 | 12,5 |
| Bonding Quality | EN 314-2 | Class | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | DIN 68705 | Class | AW100 | AW100 | AW100 | AW100 | AW100 | AW100 | AW100 | AW100 | AW100 |
| Bending Strength Long-Grain | EN 310 | MPa | 48 | 35 | 37 | 30 | 30 | 42 | 28 | 26 | 30 |
| Bending Strength Cross-Grain | EN 310 | MPa | 16 | 32 | 40 | 43 | 42 | 37 | 35 | 28 | 25 |
| E-Modulus Long-Grain | EN 310 | MPa | 7700 | 4650 | 3800 | 3400 | 4110 | 5200 | 3680 | 3500 | 4700 |
| E-Modulus Cross-Grain | EN 310 | MPa | 4200 | 3770 | 3570 | 5580 | 4800 | 4560 | 5170 | 5400 | 3850 |
| Airborne Sound Insulation | EN 13986 | dB | nd | nd | nd | nd | 24 | 25 | 26 | 27 | 28 |
| Thermal Conductivity | EN 13986 | W/(m·K) | 0,13 | 0,13 | 0,13 | 0,13 | 0,13 | 0,13 | 0,13 | 0,13 | 0,13 |
| STANDARD SIZES (*) | [] | mm | 2500X1220; 3100X1530 mm | | | | | | | | |

(*) Special Sizes can be evaluated on demand

APPLICATIONS

Furnishings, Bulkheads, Flooring



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