

100% Okoume Fire Retardant Plywood, Melamine gluing among Veneer Layers, Features excellent mechanical properties, in spite of a low weight.  
Thanks to a Formaldehyde emission much lower than E1-EN13986 and EN 314-2 Class 3 Bonding Quality, it is suitable to be used in humid environments.  
Igniply is CE1 marked for Walls/Ceiling Applications and accordingly to IMO-MED Item 3.18c as Floor Covering

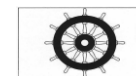
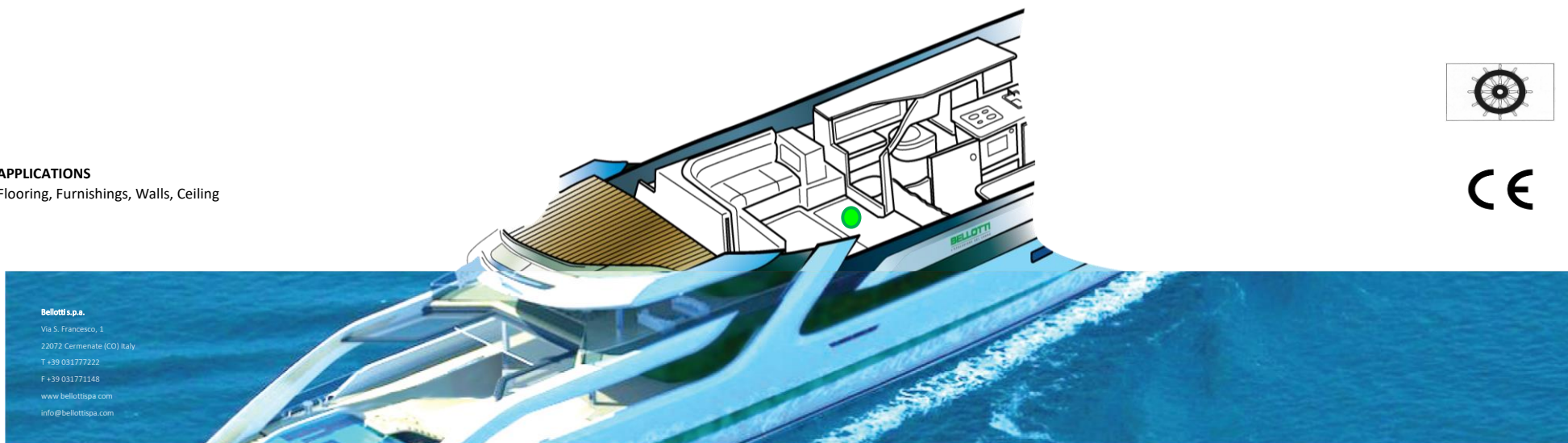


| Property                     | Standard | Unit of Measure   | Values   |      |      |      |       |       |       |       |       |
|------------------------------|----------|-------------------|--|------|------|------|-------|-------|-------|-------|-------|
| Nominal Thickness            | []       | mm                | 10   | 12   | 15   | 18   | 20    | 22    | 25    | 30    | 40    |
| Layers                       | []       | []                | 5  | 7    | 9    | 9    | 11    | 11    | 11    | 13    | 17    |
| Surface Weight               | []       | kg/m <sup>2</sup> | 5,25   | 6,25 | 7,75 | 9,25 | 10,25 | 11,25 | 12,75 | 15,25 | 20,25 |
| Bonding Quality              | EN 314-2 | Class             | 3  | 3    | 3    | 3    | 3     | 3     | 3     | 3     | 3     |
| Bending Strength Long-Grain  | EN 310   | MPa               | 30   | 30   | 42   | 28   | 26    | 30    | 30    | ≥30   | ≥30   |
| Bending Strength Cross-Grain | EN 310   | MPa               | 43   | 42   | 37   | 35   | 28    | 25    | 25    | ≥30   | ≥30   |
| E-Modulus Long-Grain         | EN 310   | MPa               | 3400   | 4110 | 5200 | 3680 | 3500  | 4700  | 4700  | ≥4000 | ≥4000 |
| E-Modulus Cross-Grain        | EN 310   | MPa               | 5580   | 4800 | 4560 | 5170 | 5400  | 3850  | 3850  | ≥4000 | ≥4000 |
| Airborne Sound Insulation    | EN 13986 | dB                | 23   | 24   | 25   | 26   | 27    | 27    | 28    | 29    | 30    |
| 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  |
| Fire Reaction                | EN 13501 | Class             | B-s2,d0 (Application: Wall/Ceiling; Installation: Not laid on any support)         |      |      |      |       |       |       |       |       |
|                              | IMO MED  | Item              | 3.18c (Application: Floor Covering; Installation: laid on non combustible support) |      |      |      |       |       |       |       |       |
| STANDARD SIZES (*)           | []       | mm                | 2500X1220; 3100X1530 mm  |      |      |      |       |       |       |       |       |

(\*) Special Sizes can be evaluated on demand

## APPLICATIONS

Flooring, Furnishings, Walls, Ceiling



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