



Kalamaki,  
200 03 Korinthos, GR  
T. +30 2741048322  
F. +30 2741048966  
info@mourikis.gr  
www.mourikis.gr

## PRODUCT DATA SHEET

### Trade Name

**OKOUME PLYWOOD B/BB**

### Product Description

High quality plywood produced with 100% veneers of the tropical hardwood Okoume, specially manufactured to provide durability and longevity. Its physical characteristics are very stable and can withstand exposure to severe weather conditions for prolonged periods.

### Performances and applications

The physical properties of selected Okoume veneers, combined with waterproof gluing AW 100 and high standards manufacturing, result in extra durability, suitable for marine and exterior uses in industrial (boat building, road and rail vehicles manufacture) and building (exterior joinery, carpentry, shutter boards, exterior basements, balustrades, riverside panelling) applications.

### Technical Specifications

#### General properties and tolerances (ex factory)

Thickness:	2.1 3 4 5 6 8 10 12 14 15 18 20 22 25 30 35 40 mm (custom thickness available upon request) thickness tolerance $\pm 0,1$ mm for panels up to 5 mm / $\pm 2\%$ for panels with nominal thickness $>5$ mm
Standard sizes:	2500 X 1220/1250 mm, 2500 X 1830 mm, 3100 X 1530 mm, 3100 X 1830 mm (custom sizes available upon request)
Squareness:	$\pm 0.25\%$ of the length of the diagonal
Moisture content:	between 6% and 10%
Density:	500 kg/cbm $\pm 10\%$

#### Other properties

Glue line:	Water and waterproof gluing using low emissions Melamine Urea Formaldehyde (MUF) or Phenol Formaldehyde (PF) resins, meeting the criteria of the DIN EN 16516 standard.
Face:	They present a solid surface that is free from defects. Face veneers are free of knots other than occasional sparse "sound pin" knots. The veneers are free from irregular grain. Face veneers are B/BB and their thickness is between 1.0 mm and 1.5 mm.
Core Veneers:	They have the same basic requirements as face veneers, except that small splits may occur, and there is no limit on the number of pin knots or edge joints. Core veneer thickness is between 1.5 mm and 3.0 mm.
Finishing:	All boards are sanded on both sides equally.

#### Performance characteristics and standards compliance

Standards:	Meets the requirements of EN 13986:2004+A1
Bonding quality:	Class 3 (EN 314-2)
Durability (humidity):	Class 3 - External use as non-structural components (EN 636)
Formaldehyde class:	E1 (complies also with DIN EN 16516)
Reaction to fire:	class D-s2,d0 / D <sub>n</sub> -s1 (floorings)

### Certifications



The mark of  
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