

PRODUCT DATA SHEET

Trade Name: Okoume Tropical Euro-Ply

OKOUME (faced) FROMAGER PLYWOOD

Product Description

Okoume - Fromager Plywood is a high quality plywood with Okoume face veneers and Fromager/Okoume core veneers, specially manufactured to provide durability and longevity. Its physical characteristics and mechanical properties are very stable.

Performances and applications

The physical properties of selected Okoume and Fromager veneers, combined with high standards manufacturing, result in extra durability, suitable for industrial and building applications.

Technical Specifications

General properties and tolerances (ex factory)

Thickness: 4 5 6 8 10 12 15 18 20 22 25 30 35 40 mm (custom thickness available upon request) Standard sizes: 2500 X 1220/1250 mm, 2500 X 1830 mm, 3100 X 1530 mm (custom sizes available upon request) Squareness: $\pm 0.25\%$ of the length of the diagonal

Moisture content: between 6% and 10%

Density: 450 kg/cbm $\pm 10\%$

Weights per sheet:

6mm 18.6 lbs

9mm 28 lbs

12mm 37.5 lbs

15mm 47 lbs

18mm 56 lbs

25mm 77.5 lbs

Other properties

Glue line: Melamine Urea Formaldehyde (MUF).

Face: Okoume face veneer, presenting a solid surface that is free from open defects. Face veneers are free of knots other than occasional sparse "sound pin" knots. The veneers are reasonably free from irregular grain. Face veneers are B/BB and their thickness is between 1.0 mm and 1.5 mm.

Core Veneers: Okoume and Fromager core veneers, laid-up alternatively, 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 2 (EN 314-2)

Durability (humidity): Class 1 - Use in dry conditions as non-structural components (EN 636)

Formaldehyde class: E1

Reaction to fire: class D-s2,d0