



Okoume - euro-ply (certified CE ISO 9001:2008 FSC, Komo & CE2)

(BS1088 & Lloyds only with 100% Okoume)

Okoume - euro-ply with Fromager/Poplar plies is a high quality combination panel with Okoume face & back veneers with Fromager/Poplar/Okoume cores, 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/Poplar 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 options	3 4 5 6 9 10 12 15 18 18.5 25 30 35 40 mm (Tolerance of thickness =/-4.5% approx)
Standard sizes	2500 X 1220/1250 mm, 2500 X 1830 mm, 3100 X 1530 mm (+/-3.5mm)
Squareness/Tolerance	±0.25% of the length of the diagonal, +/-0.1mm up to 5mm, +/-2% > 5mm
Moisture content	between 6% and 10%
Density	465 kg/cbm ±10% Per sheet 18mm = 57 lbs: 12mm = 39 lbs
Modulus of Elasticity (N/mm²)	4254 (based on 12mm plywood)
Resistance to Flex (N/mm²)	35.6 (based on 12mm plywood)
Glue line & Bonding quality	Melamine Urea Formaldehyde (MUF), Class 2 (EN 314-2), E1
Standards	Meets the requirements of EN 13986:2004+A1. EN636 (non structural elements). ISO 9001:2008
Durability (humidity)	Class 1 - Use in dry conditions as non-structural components (EN 636)
Reaction to fire	Class D-s2, d0

Face Veneers: Okoume face veneers, present 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/Poplar 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.



The mark of responsible forestry
FSC® C007917



Material safety data Sheet Information

1 Products

OKOUME MARINE PLYWOOD

OKOUME PLYWOOD

OKOUME ROUTING PLYWOOD

OKOUME SPECIAL PLYWOOD

OKOUME/LOTOFA PLYWOOD

RTP OKOUME PLYWOOD

SAPELLI MARINE PLYWOOD

TWIN PLYWOOD OKOUME TROPICAL

AIRCRAFT TYPE OKOUME PLYWOOD

COMBI PLYWOOD OKOUME POPLAR

COMBI PLYWOOD OKOUME TROPICAL

COMBI PLYWOOD SAPELLI OKOUME

COMBI ROUTING PLYWOOD

FLEXBOARD PLYWOOD FROMAGER

FORMAGER PLYWOOD

2 Physical description/properties

Appearance: The products are produced with high quality rotary cut veneers, specially manufactured to provide durability and longevity. Their physical characteristics are very stable and can withstand exposure to severe weather conditions for prolonged periods of time.

Odour: No distinctive odour. Newly manufactured plywood and freshly machined surfaces tend to have the odour of the wood species from which the plywood is manufactured.

Plywood is not classified as hazardous.



3 Emission of volatile organic compounds

The resins used in the manufacturing process are of the stable thermosetting type.

Formaldehyde emission from the panels glued with melamine (MUF) or phenolic (PF) resins is very low. Panels made with MUF are classified E1 as per EN 13986. Panels made with PF resins are both E1 as per EN 13986 and TSCA Title VI / CARB compliant.

Sealing plywood with paint, varnish or other surface finishes further reduces any emissions.

4 Wood dust

When the boards are machined (sawn, sanded, drilled, routed, planed, etc.) wood dust is produced. Wood dust and splinters may cause irritation of the nose and throat, eyes and skin. Some woods may also be sensitizers, and some people may develop allergic dermatitis or asthma. Inhalation of wood dust, both hardwood and softwood, may increase the risk of nasal and paranasal sinus cancers.

5 Handling

When handling, take into account the density of the wood and consequently the weight of the packs.

Respect the weight limits of the fork lift trucks.

When storing the panels, ensure that they are flat, level and in a dry place.



Care must be taken when cutting the metal straps which encircle the packs.

Never move packs when the straps have been removed.

When handling the panels, suitable protective gloves should be worn.

6 Using the panels

First of all, check that the identification written on the plywood corresponds with its intended use.

Respect safety regulations when using the plywood sheets.

The panels should be stabilized by storing them, for at least one week, in a place where the humidity level is similar to that where they are to be used.

Sawdust: The sawing and machining of wooden products produces sawdust which is highly inflammable.

A concentration in the air above 40 g/m³ can lead to an explosion. Ensure that no source of ignition is near the sawdust. Dust extraction equipment is to be used when cutting or machining the plywood and operators who are exposed to the fine dust are to wear a protective mask (class P3).

Burning or smouldering boards or wood dust can generate carbon dioxide and other pyrolysis products typical of burning organic material. Dry wood dust in high concentrations can be explosive. Use water or dry chemical fire extinguishers.

7 Off cuts of plywood

Since neither heavy metal nor organic halogen substance is to be found in the plywood, the off cuts can be used as combustible in a wood burning furnace, wherever the regulations of the local authority permit.

8 Fire

Should the plywood catch fire all types of fire extinguishers can be used (water, foam, powder).

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