

OKOUME THROUGHOUT PLYWOOD



# OKOUCENT

INTERIOR / EXTERIOR

An acknowledged species  
for demanding jobs



**Rougier Panneaux**

Gérer la forêt, faire vivre le bois

**HIGH-PERFORMING, RESISTANT AND STABLE PLYWOOD, MADE FROM GREEN TIMBER,**

# OKOUCENT

INTERIOR / EXTERIOR

OKOUCENT EXTERIOR (quality II/III (B/BB)) is a reference product in matters of demanding exterior jobs and notably in case of prolonged exposure to bad weather or water. OKOUCENT is a uniform and durable product ensuring optimum evenness through high mechanical strength and dimensional stability.

- Exterior fitting and Shop fittings
- House cladding, roofing
- Walls, flooring, structural jobs
- Joinery, shuttering, body work

## COMPOSITION AND ORIGIN

100% Gabonese OKOUME from sustainably managed forests.  
Selected faces - Quality II/III (B/BB) with more than 50% II/II (B/B)

## REACTION TO FIRE

Non fireproof panels:  
thickness > 9 mm: D.s2,d0 according to EN 13986.

## FIRE RESISTANCE

Burning rate: approximately 0,7 mm/minute  
(under standardised test conditions of fire resistance).

## FORMALDEHYDE EMISSION

E1 Panels according to EN 13986  
(formaldehyde release < 3,5 mg/m<sup>2</sup>h)

## OKOUCENT EXTERIOR COMPLIES WITH REQUIREMENTS AND RECOMMENDATIONS OF EUROPEAN STANDARDS

**EN 314 – 2, class 3:** Bonding for exterior use\*.  
Notification CE 0380 CPD 0493

**EN 315:** Tolerances for dimensions

**EN 635 – 1 and 2:** Surface appearance

**CE marking:** certificate of compliance 2+ according to EN 636-3

**XP ENV 1099:** biological durability

Compliance with **EN 13986:** use of wood based panels in construction.

CTBX no. 49 panels for Exterior use bear a 10 year warranty - provided they are implemented in compliance with the DTU (Unified technical documents) and according to good practices.

OKOUCENT exterior also holds the KOMO label (Holland) and complies with BS 1088 requirements (shipbuilding).

\* Extract from the standard: "this bonding class is conceived for prolonged exposure to bad weather".

## AN FSC PURE LABELED PRODUCT

Okoucent carries **FSC PURE** certification. FSC certification, supported by environmental NGO, ensures responsible forest management and answers the highest demands of global markets concerned about the challenges of sustainable development.



STANDARD FORMATS IN CM: 250 X 122 – 310 X 153												
Thickness in mm	05	08	10	12	15	18	22	25	30	35	40	
Number of layers	3	5	5	7	7	9	11	11	13	15	17	
Bend radius (lengthwise) cm	100	160	200	240	300	380						
Density	480 to 500 kg/m <sup>3</sup>											
Modulus of elasticity:	4000 M Pa					Tensile strength:						30 M Pa
Thermal conductivity:	0,12 W/m <sup>2</sup> C					Bending strength:						40 M Pa

Species: Okoume – Origin: Gabon

## OKOUCENT

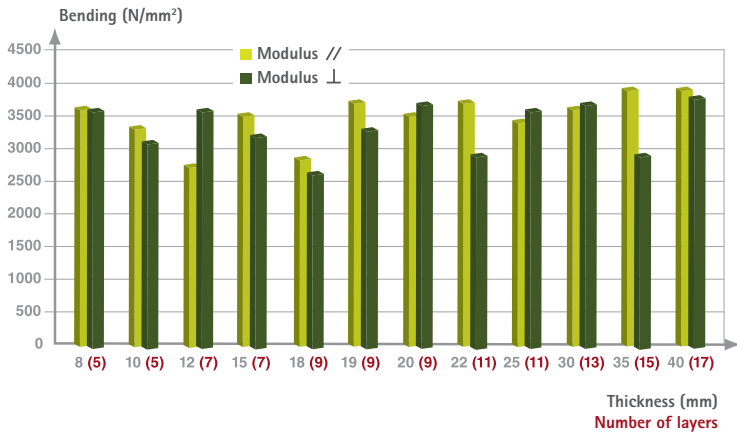
INTERIOR 100% OKOUME. Selected faces  
Quality II/III (B/BB) with more than 50% II/II (B/B).  
EN 314 - bonding class 1 for dry conditions.

# SELECTED FACES

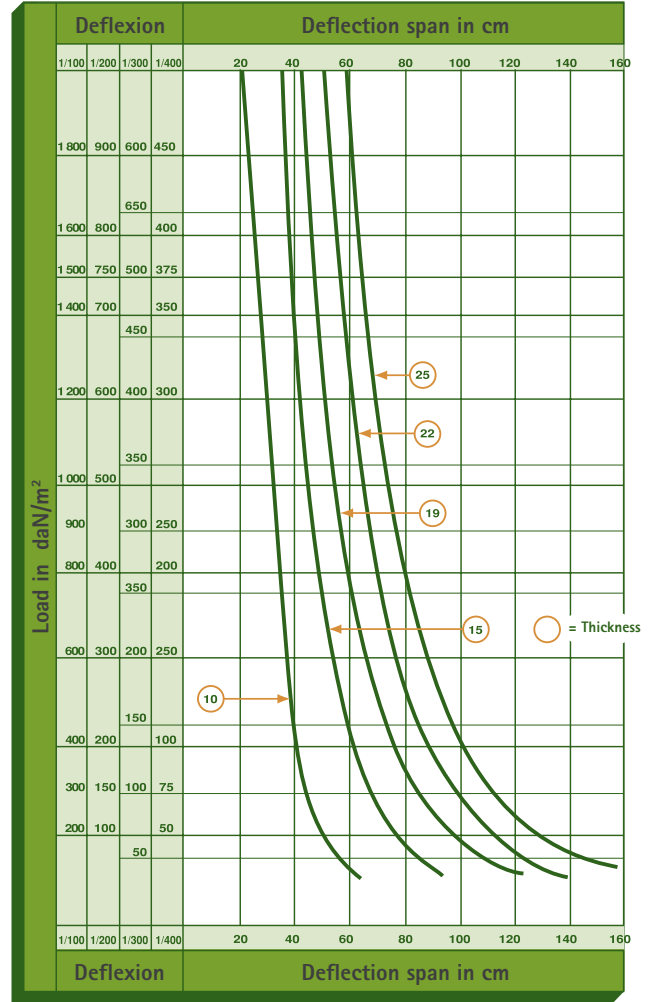


## APPARENT MODULUS OF ELASTICITY ACCORDING TO EN 310

Summary table showing characteristic values applied to a 5% exclusion rule

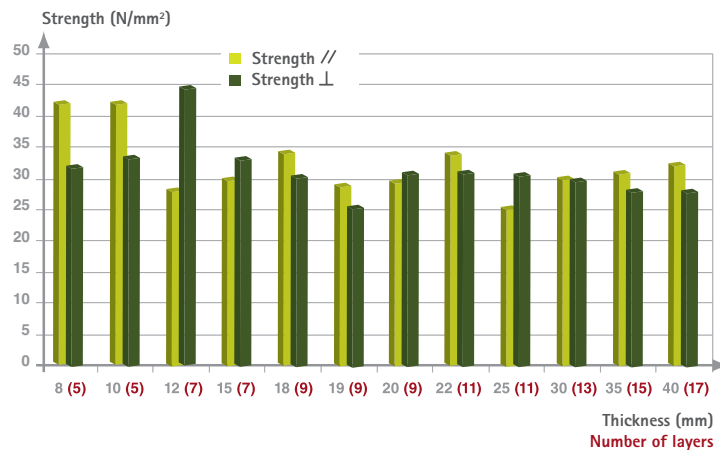


## STRENGTH DIAGRAM



## BENDING STRENGTH ACCORDING TO EN 310

Summary table showing characteristic values applied to a 5% exclusion rule



STABLE PLYWOOD, RESISTANT, HIGH-PERFORMING,  
MADE FROM GREEN TIMBER, SELECTED FACES

# OKOUCENT



## CERTIFIED PRODUCTS

The importance of exploiting natural resources in a sustainable manner through ecosystem biodiversity preservation and by supporting the needs and aspirations of local populations has been on Rougier's agenda for many years.

**This is why aggregate African forest surfaces granted to Rougier today is under forest management planning.**

**Rougier's environmental policies have resulted in different types of forest management certification.**

Today, the totality of the wood used in the manufacture of Okoucent plywood panels are from FSC-certified forest concessions, in other words they are conform to high environmental and social requirements.

**These "good practices" are concretised in the field as:**

- > forest management planning inventories providing valuable and precise information concerning not only forest and wildlife resources, but also populations living in concession areas,
- > working plans concerning the forest exploitation (tracks, bridges, etc.) in order to minimise the impact from operations on resident populations,
- > chain of custody for products from our concessions
- > studies with the purpose of improving our knowledge of the forest ecosystem,
- > the fight against poaching,
- > particular training programmes for logging staff...

**Customers, processing industries and consumers, are therefore provided with a guarantee that their action is not harmful to the environment nor to local populations.**

Building on this progression, Rougier gradually expands certification to all its concessions in Central Africa, aiming towards certification for every concession the company controls. Rougier is in this way committed to a process of continuous progress, determining production conditions in each country where it operates.

"Because we manage our forests, your supplies respect the environment"

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