

PLYWOOD OKOUCENT

INTERIOR/EXTERIOR



Stable, Resistant,
High-Performance Plywood,
Manufactured Using Fresh Logs

OKOUCENT EXTERIOR

OKOUCENT EXTERIOR (quality II/III (B/BB)) is a panel for exigent outdoor works, especially in situations of extended exposure to bad weather or water.

OKOUCENT is a homogeneous and durable panel that is resistant and stable, ensuring an optimal flat surface.

- Outdoor furnishings and fixtures
- Structures, walls, floors
- Cladding, home facades, roofing
- Joinery, framework, bodywork

Okoucent exterior meets the requirements and recommendations of European standards

CE MARKING

certificate of conformity 2+ (structural panel)
CE Notification 0380 CPR 0493

EN 314-2, class 3:

- Glued for outdoor environments*
- Panels labelled Exterior CTBX no. 49 are guaranteed for 10 years - provided that they are installed in accordance with building code regulations and standard practices.

EN 315: Dimension tolerances

EN 635 - 1 et 2: Appearance of the faces

DD CEN/TS 1099: Biological durability



L'OKOUCENT exterior also carries the KOMO label (Holland).

FSC® -LABELLED PRODUCT

Okoucent is FSC certified.

Supported by environmental NGOs, FSC certification ensures responsible forest management and meets the strictest requirements of global markets that are sensitive to sustainable development issues.



La marque de la
gestion forestière
responsable

COMPOSITION AND ORIGIN

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100% OKOUME from Gabon, harvested from sustainably managed forests

FACES CHOISIES

Quality II/III (B/BB)

REACTION TO FIRE

NON-FLAMEPROOF PANELS

Thickness > to 9 mm: D.S2, d0
according to standard EN 13501.

M4 si e < 18 mm*

M3 si e ≥ 18 mm*

*according to the decree issued
on 30/06/1983

FIRE RESISTANCE

BURNING RATE

About 0.7 mm / minute
(under standardised conditions
of a fire resistance test).

FORMALDEHYDE RELEASE

E1 panels according to standard EN 13986

Formaldehyde release < 3,5 mg/m² h

STANDARD FORMAT IN CM

250 x 122 – 310 x 153

THICKNESSES (mm)	05	08	10	12	15	18	22	25	30	35	40
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NUMBER OF VENEER LAYERS	3	5	5	7	7	9	11	11	13	15	17
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BENDING RADIUS (long grain) cm	100	160	200	240	300	380
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DENSITY	480 to 500kg/m ³
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OKOUCENT INTERIOR

100% Okoume Selected faces

Qualité II/III (B/BB)

Glued in a dry environment EN 314 - class 1

Key characteristics	Performance																Harmonised Technical Specification	
Thickness (mm)	3	4	5	6	6 _{5 plis}	8	10	12	15	18	19	20	22	25	30	35	40	
Bow parallel to the surface	8900	8380	7730	7250	7350	5710	5190	4830	4860	4750	4710	4710	4050	4650	4630	4610	4670	
Bow perpendicular to the surface	340	860	1510	1990	1920	3530	4050	4410	4380	4490	4530	4530	5190	4590	4610	4630	4570	
Traction parallel to the surfaces	6160	5040	4180	3700	5550	3780	4660	3520	4740	4230	4580	4580	4020	4580	4590	4590	4730	
Traction perpendicular to the surfaces	3080	4200	5060	5550	3700	5460	4580	5720	4500	5010	4660	4660	5220	4660	4650	4650	4510	
Compression parallel to the surfaces	6160	5040	4180	3700	5550	3780	4660	3520	4740	4230	4580	4580	4020	4580	4590	4590	4730	
Compression perpendicular to the surfaces	3080	4200	5060	5550	3700	5460	4580	5720	4500	5010	4660	4660	5220	4660	1650	4650	4510	EN 13986: 2004
Rolling shear stress parallel to the surfaces	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
Rolling shear stress perpendicular to the surfaces	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
Planar shear stress parallel to the surfaces	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	
Planar shear stress perpendicular to the surfaces	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	420	
Thermal conductivity (W/m.K)																	0.13	
Pentachlorophenol content																	≤5 ppm	
Medium Term Durability / Service class 3																	Kmod= 0.65 3 kdef= 2.5	
Biological Durability: Usage class																	3	

OKOUCENT CERTIFIED PRODUCTS

Since the beginning of its activities, Rougier became aware of the need to use the natural resources entrusted to it in a sustainable way manner, while preserving the biological diversity of ecosystems and taking into account the aspirations of local populations. Today, Okoucent plywood panels are sourced from forest concessions that are FSC-certified, that is to say, in compliance with strict social and environmental requirements.

In the field, these «good best practices» are reflecting expressed in particular in through:

- Comprehensive inventories that make it possible to clearly identify forest and wildlife resources, as well as the populations that lives on within these concessions,
- Selective harvesting and careful planning of forestry activities,
- Perfect traceability of timber products that goes all the way back to the source of the forest,

Because we manage our forests well, our supplies to you your supplies respect the environment.