Common name:	OKAN					
Family: Scientific name(s):	MIMOSACEAE Cylicodiscus gabunensis					
LOG DESCRIPTION			WOOD DESCRIPTION	1		
Diameter: Thickness of sapwood: Floats: Durability in forest : Note:	from 90 to 150 cm from 5 to 8 cm no Good Unpleasant odour when green. Hear		Sapwood: Texture: Grain: Interlocked grain:	Red brown Clearly demarcated Medium Interlocked Marked becomes red brown with air.		
PHYSICAL PROPERTIES Physical and mechanical pro prigin and growth condition	-	l on mature heart	MECHANICAL PROPE wood specimens. These pr		y greatl	y depending o
		andard deviation 0.10	L	mean		standard deviation
Density *: Monnin hardness*:	10.3	3.4	Crushing strength *:	87	2 MPa	12
Coef of volumetric shrinkage		0.10				
Fotal tangential shrinkage:	7.9 %	1.0	Static bending strengtl		MPa	23
Fotal radial shrinkage: Fibre saturation point:	5.8 % 25 %	0.6	Modulus of elasticity *	*: 22260) MPa	3348
Stability: NATURAL DURABILITY A Fungi and termite resistance Except for special comment	ND TREATABIL refers to end-use s on sapwood, nat	ITY s under temperat tural durability is	based on mature heartwood		1 N/mm	12)
Sapwood must always be co	onsidered as non-	durable against	wood degrading agents.	r		
Fungi:Class 1 - very durableDry wood borers:Durable; sapwood demarcated (risTermites:Class D - DurableTreatability:4 - not permeable		risk limited to sapwood)			ed by natural ity (according ndards).	
Biological hazard class*: Note:	4 - in ground or This species is 1 Due to its high s	fresh water cont isted in the Europ specific gravity a	act or hight dampness pean standard NF EN 350-2 and hardness, this species n onment or in brackish wate	naturally covers t	he biolo	ogical hazard
COUNTRIES - LOCAL NAM	1ES					
Countries Loc	al names					
Cameroon ADO	DUM					
	RICAN GREENHE	ART				
	KOKA					
0	UMA					
	JEMON					
	DUM					
Gabon ODI	UMA					

Ghana	BENYA
Ghana	DENYA
Nigeria	OKAN

ADADUA

Ghana

OKAN

REQUIREMENT OF A PRESERVATIVE TREATMENT

Against dry wood borer attacks: In case of temporary humidification risk: In case of permanent humidification risk: Does not require any preservative treatment Does not require any preservative treatment Does not require any preservative treatment

DRYING		Possible drying schedule			
Drying rate: Risk of distortion:	Slow High risk	M.C. (%)	Tempera dry-bulb	ture (°C) wet-bulb	Air humidity (%)
Risk of casehardening: Risk of checking: Risk of collapse:	No High risk No	Green 40 30 20	40 44 44 46	37 38 36 36	82 68 59 52
		15	49	37	46

This shedule is given for information only and is applicable to thickness < 38 mm.

It must be used in compliance with the code of practice.

For thickness from 38 to 75 mm, the air relative humidity should be increased by 5 % at each step.

For thickness over 75 mm, a 10 % increase should be considered.

Note: Kiln dryi

Kiln drying must be handled carefully.

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	Not recommended or without interest
Slicing:	Not recommended or without interest
Note:	Requires power. It is sometimes difficult to obtain a good finish because of highly interlocked grain. Tendency to tear on quartersawn.

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct (for interior only)

END-USES

Main known end-uses; they must to be implemented according to the code of practice.

Important remark: some end-uses are mentionned for information (traditional, regional or ancient end-uses).

Note:	Substitute for AZOBE (Lophira alata) and GREENHEART (Ocotea rodiaei).
Hydraulic works (seawater)	
Posts	
Sleepers	
Industrial or heavy flooring	
Heavy carpentry	
Vehicle or container floorin	g
Sculpture	
Turned goods	
Bridges (parts in contact with	ith water or ground)
Bridges (parts not in contac	ct with water or ground)
Flooring	