



PRECIOUS WOODS





"BE PART OF THE SOLUTION,  
YOUR TIMBER CHOICE HAS THE POWER TO MOTIVATE CHANGES"

Dear customers,

Gardens are per definition places of pleasure, rest, privacy or shared reverie. The gardens were also coated since antiquity with a symbolic value; they appear in mythologies and religions, and they have been frequently mentioned in the arts.

Several religions imagine a place of eternal life and the word "paradise" has in some of its ancient meanings, the meaning of "garden". In Christianity, the Garden of Eden was the initial habitat of the first humans, In Islam, paradise is often called in Arabic Jannah, "garden".

The term garden is attested in the 12th century in the sense of "land, generally closed, where useful or pleasant plants are grown" (Grand mal fit Adam, ed. H. Suchier, 88). This etymology suggests that the garden must be protected from the outside and well maintained inside.

Human being history shows how much we have always needed "gardens" to disconnect from everyday life and better find ourselves. Connect to nature is essential for our balance.

Precious Woods Group aims to provide solutions in that direction to garden architects, by supplying only naturally durable wooden products coming exclusively from sustainably

managed and certified forests. By avoiding chemicals and composites, Precious Woods timber products reconnect to nature and create a healthy environment that emphasize the well-being experience.

Our wish is to offer you the possibility to choose eco-friendly certified products that are 100% recyclable, resist all weather conditions and contribute to the conservation of the rainforests.

The rainforests are our common gardens that are also in need to be protected from outside and well-maintained inside. By choosing Precious Woods certified products you will be at the source of the sustainable and responsible practices guaranteeing this.

Acting responsibly is proven today as the best source of happiness. So let's **think beyond** and create **together** a healthier environment.



Markus Brütisch  
CEO Precious Woods



# THINK BEYOND

By avoiding chemicals and composites, Precious Woods timber products reconnect to nature and create a healthy environment that emphasize the well-being experience.

- 100 % natural and free of chemical additives
- Warm feeling with "feel-good" character
- Easily recyclable – 100 % recyclable

Eco-friendly certified products resistant to all weather conditions.

- Decades of experience and tested EU norm
- Durability class 1 = Highly durable, minimum 25 years with ground contact
- Durability class 2 = Durable 15 years to 25 years with ground contact

Very strict Sustainable Forest Management plan according to the highest environment standards and promotion of the lesser known timber species guarantee that we harvest less than what the forests naturally generate.

- Average of 2 trees harvested per hectare every 30 years
- Respect of diversity
- Reduce impact logging



## NATURAL LIFE CYCLE ASSESSMENT PERFORMANCE

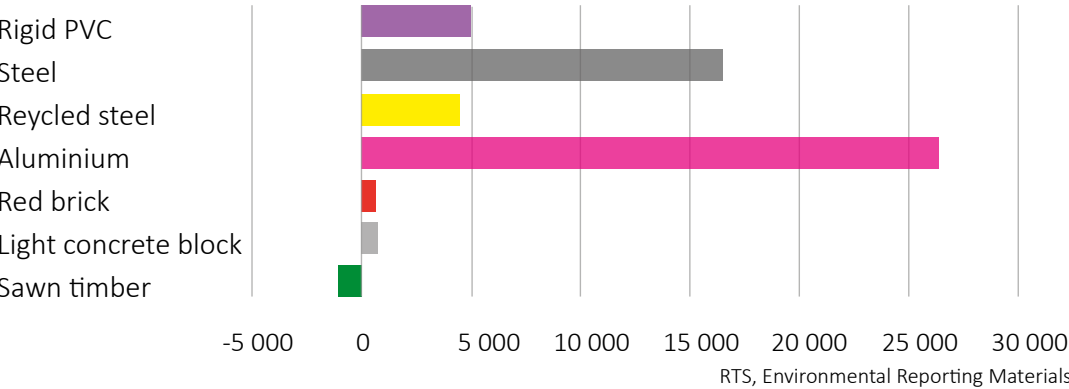
## DURABLE

## SUSTAINABLE



### A COMPARISON OF THE CO<sub>2</sub> PRODUCTION OF DIFFERENT MATERIALS

Net emissions of CO<sub>2</sub>, including carbon sink effect (kg CO<sub>2</sub>/m<sup>2</sup>)





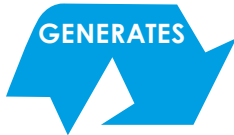
# IMPACTING

Compliance with and implementation for the objectives of the United Nations (UN).  
Supporting sustainable timber products contributes to the financing of forest biodiversity preservation and motivates the inhabitants to maintain conservation business model.



## ENVIRONMENTAL PERFORMANCE

- Forest under sustainable forest management conservation model
- CO<sub>2</sub> conservation
- Biodiversity & wildlife protection



## REVENUES

- Certified products
- Electricity from biomass
- Carbon credits
- Data



## SOCIAL IMPACT

Valuable jobs and improving on the living conditions, motivate the communities to maintain and develop responsible business model



responsible

"We are all directly or indirectly connected to the rainforest deforestation cause. Be part of the solution, your timber choice has the power to motivate changes"










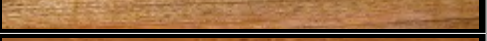
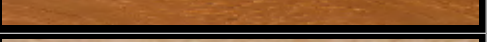
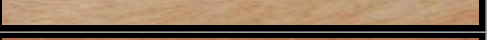


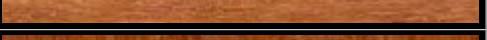

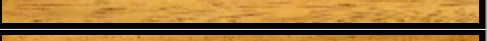
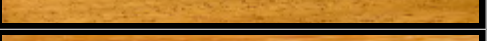


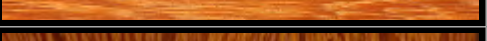





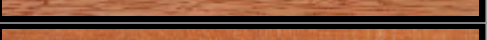
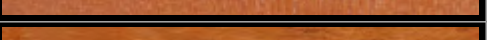
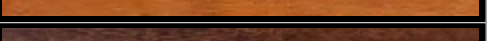
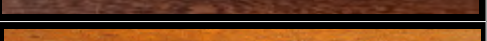

Sustainable forest management contributes to the implementation of 14 Sustainable Development Goals of the United Nations (UN), and complies 100 % with COP 21 Paris agreement objectives on climate change.

The 2030 Agenda for Sustainable Development adopted by all United Nations Member States in 2015 provides a shared blueprint for peace and prosperity for people and the planet now and into the future.
















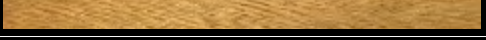


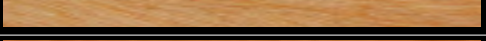

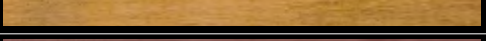
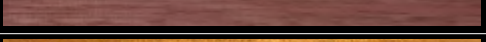


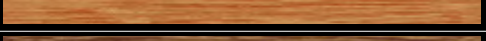
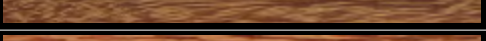
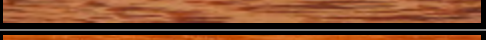

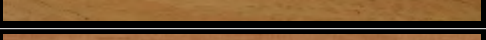
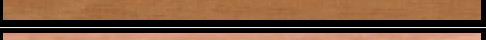
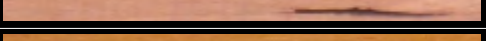


Responsible: The use of certified lesser known timber species is recommended by many organizations acting to promote sustainable forest management practices.



NAME SPECIE	BOTANICAL NAME	
Acajou d'Afrique	Khaya ivorensis	
Acariquara	Minquartia guianensis	
Agba	Gossweilerodendron balsamiferum	
Angelim do campo	Andira laurifolia	
Angelim pedra	Hymenolobium modestum	
Angelim rajado	Pithecellobium incuriale	
Angelim vermelho	Dinizia excelsa	
Arura vermelho	Iryanthera paraersis	
Azobé	Lophira alata	
Beli	Paraberlinia bifoliolata	
Bilinga	Nauclea diderrichii	
Breu branco	Protium paniculatum	
Breu vermelho	Protium puncticulatum	
Castanha sapucaia	Lecythis pisonis	
Cedrinho	Scleronema micranthum	
Cumaru	Dipteryx odorata	
Dabéma	Piptadeniastrum africanum	
Dibétou	Lovoa trichilioides	
Doussié	Afzelia bipindensis	
Ebiara	Berlinia confusa	
Eveuss	Klainedoxa gabonensis	
Fava amargosa	Vatairea paraensis	
Guariuba	Clarisia racemosa	
Ipé	Tabebuia serratifolia	
Iroko	Milicia excelsa	
Izombé	Testula gabonensis	
Jacareuba	Calophyllum brasiliense	
Jarana	Lecythis poiteau	
Jatoba	Hymenaea courbaril	
Jutai pororoca	Martiodendron parviflorum	
Kosipo	Entandophragma candollei	

# CERTIFIED TIMBER SPECIES



NAME SPECIE	BOTANICAL NAME	
Kotibé	Nesogordonia spp.	
Louro amarelo	Licaria canella	
Louro faia	Roupala montana	
Louro gamela	Ocotea rubra	
Louro itauba	Mezilaurus itauba	
Louro preto	Ocotea neesiana	
Manchiche	Lonchocarpus catilloi	
Mandioqueira	Qualea paraensis	
Masaranduba	Manilkara huberi	
Movingui	Distemonanthus benthamianus	
Muiracatiara	Astronium lecointei	
Muirapiranga	Brosimum rubescens	
Okan	Cylicodiscus gabunensis	
Okoumé	Aucoumea klaineana	
Omvong	Dialium pachyphyllum	
Padouk	Pterocarpus soyauxii	
Pequia	Caryocar villosum	
Pequia marfim	Aspidosperma desmanthum	
Pucte	Bucida buceras catiloi	
Purpleheart	Peltogyne mexicana	
Sapeli	Entandophragma cylindricum	
Sipo	Entandophragma utile	
Sucupira amarela	Enterolobium schomburgkii	
Sucupira preta	Diploporia racemosa	
Sucupira vermelho	Andira parviflora	
Tali	Erythrophleum ivorensis	
Tanibuca	Buchenavia viridiflora	
Tauari branco	Couratari guiansis	
Tauari vermelho	Cariniana micrantha	
Timborana	Piptadenia suaveolens	
Uchi torrado	Endopleura uchi	

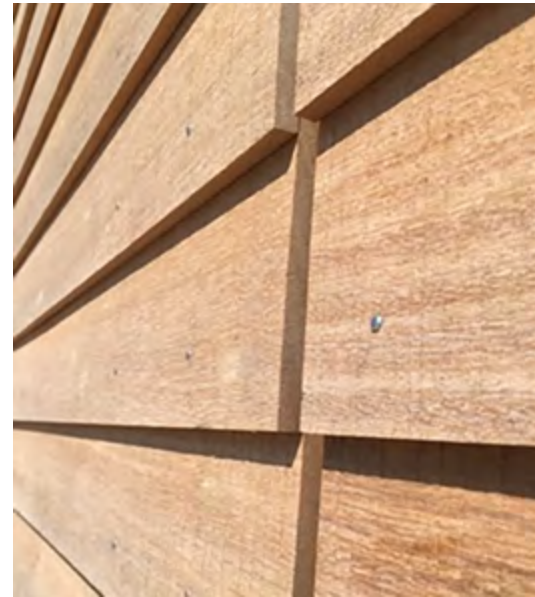
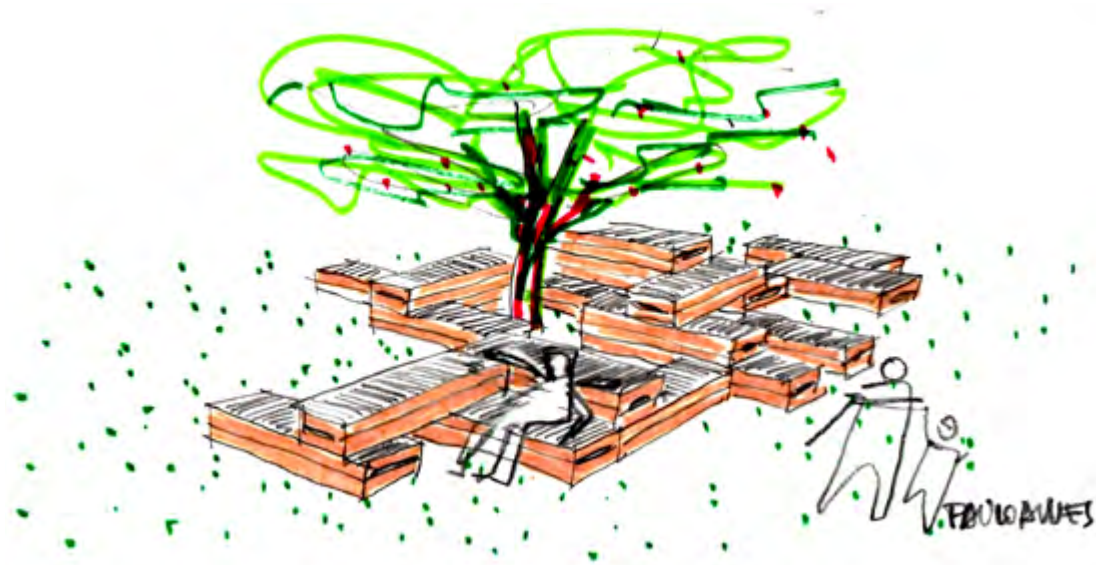




In regards of our commitment to protect forest biodiversity, this is our responsibility to not only market the high value species but also the lesser known timber species (LKTS) that make responsible forest management sustainable on long term.

Based on its 25 years' experience Precious Woods recommends the usage of many alternative species depending on their usage and has classified them in 3 categories for each application:

- |         |   |
|---------|---|
| FIRST   | The benchmarks  |
| PREMIUM | Species with strong references                            |
| ECO     | Lesser known species proven suitable for this application |





DECKING

FIRST	Manchiche, Padouk, Cumaru
PREMIUM	Bilinga, Guariuba, Jatoba, Jutai pororoca, Louro itauba, Mandioqueira, Okan, Pucte, Purpleheart, Tali
ECO	Angelim pedra, Cedrinho, Louro gamela, Louro preto, Sucupira amarela, Sucupira vermelho, Tanibuca, Timborana

Board



4 sides planed  
edges rounded

Sizes (mm)  
thickness/width  
21/145  
21/120  
21/90  
19/90

length (for all)  
1800 and longer (300 mm steps)

SUPPORTS

FIRST	Louro itauba, Padouk
PREMIUM	Bilinga, Fava amargosa, Louro amarelo, Louro aritu, Louro faia, Jarana, Mandioqueira, Massaranduba, Okan, Tali
ECO	Angelim pedra, Cupiuba, Pequia, Pequia Marfim, Sucupira amarela, Tanibuca, Timborana

Support planed



4 sides planed  
edges rounded

Sizes (mm)  
thickness/width  
45/68













PREMIUM

Cedrinho, Louro gamela

ECO



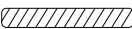


Tauari vermelho

Board	Board	Board	Pole	End pole	Middle pole	Corner pole	Support planed
							
tong & grove 4 sides planed	rhombus 4 sides planed edges rounded	4 sides planed edges rounded	4 sides planed edges rounded	4 sides planed edges rounded	4 sides planed edges rounded	4 sides planed edges rounded	4 sides planed edges rounded
Sizes (mm) thickness/width 21/128 21/103 21/73	Sizes (mm) thickness/width 21/145 21/120 21/90	Sizes (mm) thickness/width 21/145 21/120 21/90 19/90	Sizes (mm) thickness/width 90/90	Sizes (mm) thickness/width 90/90	Sizes (mm) thickness/width 90/90	Sizes (mm) thickness/width 90/90	Sizes (mm) thickness/width 45/68
length (for all) 1000/1500/1800/2000/2400							






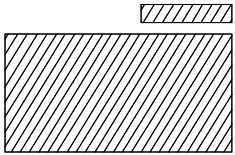
FIRST	Padouk
PREMIUM	Cedrinho, Okoumé thermo, Cumaru, Louro gamela, Louro preto, Mandioqueira
ECO	Okoumé nature, Tauari vermelho

Board	Board	Board	Square Bar	Support beam
				
tong & groove 4 sides planed	rhombus 4 sides planed edges rounded	4 sides planed edges rounded	4 sides planed	4 sides planed edges rounded
Sizes (mm) thickness/width 21/128 21/103 21/73	Sizes (mm) thickness/width 21/145 21/120 21/90	Sizes (mm) thickness/width 21/145 21/120 21/90 19/90	Sizes (mm) thickness/width 40/40	Sizes (mm) thickness/width 45/68
length (for all) 1800 and longer (300 mm steps)				





FIRST	Angelim vermelho, Azobé, Cumaru, Louro itauba, Omvong
PREMIUM	Bilinga, Castanha sapucaia, Guariuba, Jarana, Jatoba, Louro preto, Massaranduba, Muiracatiara, Okan, Pequia marfim, Tali
ECO	Angelim pedra, Cupiuba, Pequia, Sucupira vermehlo, Tanibuca, Uchi torrado

	Garden Poles	square (mm)	length	
	rough sawn AD	40/40	800/900/1000/1200/1500/2000/2500	
	(KD on demand)	50/50	1500/2000/2500	
		80/80	1500/2000/2500/3000/3500/4000/4500	
		100/100	1500/2000/2500/3000/3500/4000/4500	
	Sawn timber	thickness	width	length
	landscaping &	20/50/80	100/150/200	1000/1500/2000/2500/3000/3500/4000
	water protection	100	100/150/200	1500/2000/2500/3000/3500/4000/4500
	rough sawn AD	130	250/300	600/1000/1200/1500/2000/2500







# VALUE THE NATURE TO BETTER PROTECT IT

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