

Our Tropical Wood Species

Trade Name	Scientific Name	Density kg/m3	Strength psi	Stiffness 1000 psi	Hardness Janka lbs	Color	Uses
Angelim Pedra	Hymenolobium excelsum	870	17,600	2,050	1,720	Tan	Truck flooring, decking
Angelim Vermelho	Dinizia excelsa	1,090	28,500	2,950	2,800	Red brown	Decking, structural
Cambara, Cedrinho	Erisma uncinatum	590	12,700	1,560	870	Red brown	Decking, millwork
Copaiba, Bacana	Copaifera spp	620	21,200	2,650	1,390	Red brown	Flooring, Panels
Cumaru, Brazilian Chestnut	Dipterix odorata	1,090	24,800	3,050	3,200	Chestnut brown	Flooring, decking
Curupau	Anadenanthera colubrina	1,020	29,290	2,595	3,840	Red brown, dark stripes	Flooring, millwork
Curupixa, Abiu	Micropholis venulosa	860	17,000	2,100	1,900	Light red, pink	Flooring, millwork
Garapa, Grapia	Apuleia leiocarpa	830	19,500	2,100	1,800	Light yellow	Flooring, decking, beams
Guajara, Moabi	Baillonella toxisperma	817	22,100	2,200	1,800	Red brown, light red	Flooring, millwork
Ipe, Tajibo	Tabebuia spp	1,050	25,400	3,140	3,060	Dark brown, olive, red	Flooring, decking
Itauba	Mezilaurus itauba	870	26,000	3,100	2,900	Chestnut brown	Decking, construction
Jatoba,Brazilian Cherry	Hymenaea coubaril	890	19,400	2,160	2,350	Red brown	Flooring, furniture
Kurupayra	Anadenanthera macrocarpa	1,050	25,500	2,700	3,840	Red brown, dark stripes	Flooring
Massaranduba, Bulletwood	Manilkara bidentata	1,000	29,200	3,130	3,190	Ruby Red	Decking, flooring
Monkey Wood	Platymiscium pinnatum	920	21,400	2,240	3,010	Red brown	Flooring, furniture
Muiracatiara, Tiger Wood	Astronium lecointei	860	16,620	2,230	2,160	Orange red, dark stripes	Decking, flooring
Muirapiranga, Bloodwood	Brosimum paraense	1,080	21,000	2,500	2,400	Dark red	Flooring, furniture
Purpleheart	Peltogyne spp	900	19,200	2,270	1,860	Purple, burgundy	Decking, construction
Santos Mahogany, Cabreuva	Myroxylon balsamum	900	19,500	2,100	2,200	Rich red brown	Flooring, furniture
Spanish Cedar, Cedro Rosa	Cedrela odorata	550	11,500	1,440	600	Light red orange	Doors, windows, millwork
Sucupira	Bowdichia nitida	1,010	20,450	2,020	2,140	Dark Tan, Brown	Flooring
Tarara, Canary Wood	Centrolobium microchaete	700	19,780	2,270	3,200	Tan with Brown Stripes	Flooring, furniture
Tauari, Brazilian Oak	Couratari oblongifolia	640	13,500	1,850	1,500	Blond to beige	Flooring, millwork
Tiete Rosewood	Guibourtia chodatianal	950	15,830	2,030	2,800	Pink to Tan	Flooring

Comparative Wood Species

Dark Red Meranti	Shorea spp	600	12,700	1,770	780	Light to dark red brown	Decking
Northern Red Oak	Quercus rubra	780	14,300	1,850	1,290	Red tan	Flooring, furniture
Southern Yellow Pine	Pinus palustris, taeda, elliotti	590	14,200	1,880	750	Yellow, distinct grain	Decking, flooring, millwork
Douglas Fir	Pseudotsuga menziesii	560	12,400	1,950	710	Rich red orange, Lt. sap	Doors, windows, millwork
Western Red Cedar	Thuja plicata	410	7,500	1,110	350	Light red to dark brown	Decking, siding, millwork

Brazil

Four offices:

Curitiba, Belem,

Manaus and Ji-Parana.

Nova offers the very best

in quality control, logistics,

product knowledge and

supplier relationships.



Quality Control: We make thorough inspections at the mill, before shipment.

Below are photos from a 5/4x6 Ipe decking inspection.





Environmental Issues

Logging practices in the Amazon rainforest are generally misunderstood. Our goal is to help explain some of the issues regarding rainforest logging and to help consumers make intelligent decisions regarding lumber products from tropical South America.

Tropical logging in the Amazon is NOT clear-cutting. The Amazon forest is the world's most diverse tropical forest with more tree species present than in any other forest on the planet. In this environment, selective harvesting of commercially viable species is the only economically feasible approach to logging. Clear-cutting occurs when land is cleared for farming and ranching. For timber extraction, the selective harvest of between 20 and 200 trees per 1000 acres is typical throughout the Amazon region; the integrity of the standing forest is not compromised.

The greatest danger to the Amazon currently is the expansion of agricultural areas to grow food crops and raise cattle. In order for South American farmers to cultivate the land for crops or cattle, clear-cutting must be done.

Government agencies such as IBAMA in Brazil and third party certification agencies such as the FSC, Forest Stewardship Council, require land management plans which are based on selective and sustainable logging practices.

Landowners and local people need a way to get value from their land. With reasonable market prices and consumer



support for tropical lumber products, the incentive to convert tropical forest to agricultural use is minimized. It is a way of adding value to the standing forest.

Companies logging in the rainforest must submit detailed forest management plans in order to extract timber. Each area to be logged is divided up into sections and trees are identified by specie. With the assistance of GPS, detailed maps can be created on computers and by hand. Seed trees of each specie are left so that natural regeneration may take place. Trees that are under minimum harvest sizes are also left in place so that they may be cut in the next logging cycle in 20 to 30 years.

In many cases, government agencies will require that companies also replant areas that have been cleared in the past. These replants commonly take the form of Teak or Mahogany plantations that replace degraded pasture lands. It doesn't take long to turn a bare patch of land into a plantation forest; after only 5 years, the average height of these plantation trees is already 15 feet.

Selective logging in the Amazon is THE best way to add value to the STANDING forest resource. People live in the Amazon and will use the forest resource for their livelihood. The Amazonian wood industry is well positioned to play a key role in helping to preserve the Amazon forests by providing value and jobs without chopping the forest down. Buying Amazonian hardwood products ultimately supports the forests and the people of the Amazon.

NOVA



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We specialize in Tropical Woods: Exterior Decking, Interior Flooring, Rough Lumber and Industrial Products.

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