Common name:	HEVEA			
Family: Scientific name(s): Note:	Africa.	Hevea spp. Native from the Amazonian forest, HEVEA was widely planted in South East Asia and later in		
LOG DESCRIPTION		WOOD DESCR	IPTION	
Diameter: Thickness of sapwood: Floats: Durability in forest : Note:	yes Low (must be treated)	Colour: Sapwood: Texture: Grain: Interlocked grai tracted and sawn as soon as		
PHYSICAL PROPERTIE Physical and mechanica origin and growth cond	ES al properties are based on ma	MECHANICAL are heartwood specimens. T		greatly depending o
Density *: Monnin hardness*: Coef of volumetric shrir Total tangential shrinka Total radial shrinkage: Fibre saturation point:	mean standard 0.65 g/cm3 0.0 3.0 0. akage: 0.41 % 0.0	eviation Crushing streng Static bending : Modulus of ela:	strength *: 82 N	1Pa 12
Fungi and termite resist Except for special comr	Poorly stable FY AND TREATABILITY ance refers to end-uses under nents on sapwood, natural du	emperate climate. ability is based on mature he		N/mm2)
Sapwood must always Fungi: Dry wood borers: Termites: Treatability: Biological hazard class ³ Note:	Class S - Susceptible 1 - easily permeable	against wood degrading ag ot or slightly demarcated (ri t, under cover (no dampnes	isk in all the wood) du El	ensured by natural trability (according N standards).
COUNTRIES - LOCAL	NAMES			
Countries Brazil Brazil Brazil Brazil Guyana Peninsular Malaysia Peru Peru Peru Thailand Venezuela	Local names HEVEA MAPALAPA SERINGA SERINGUEIRA HATTI HEVEA WOOD JEVE SHIRENGA RUBBER TREE ARBOL DE CAUCHO			

HEVEA

REQUIREMENT OF A PRESERVATIVE TREATMENT

Against dry wood borer attacks: In case of temporary humidification risk: In case of permanent humidification risk: Requires appropriate preservative treatment Requires appropriate preservative treatment Use not recommended

DRYING		Possible drying schedule			
Drying rate:	Rapid	M.C. (%)	Tempera	ture (°C)	Air
Risk of distortion:	High risk		dry-bulb	wet-bulb	humidity (%)
Risk of casehardening:	No	Green	42	39	82
Risk of checking:	High risk	50	48	43	74
Risk of collapse:	No	40	48	43	74
		30 15	48 54	43 46	74 63

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: Careful piling, top weighting of the stacks and end-coating are recommended to avoid distortions and cracks.

SAWING AND MACHINING

Blunting effect:	Normal
Sawteeth recommended:	Ordinary or alloy steel
Cutting tools:	Ordinary
Peeling:	Good
Slicing:	Good
Note:	Presence of internal stresses. Sharp edges are recommended to avoid a fuzzy surface. Latex tends
	to clog sawteeth.

ASSEMBLING

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct
Note: Tends to split in nailing.	
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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:	Stains well.	
Current furniture of	or furniture components	
Interior joinery		
Interior panelling		
Moulding		
Flooring		
Sliced veneer		
Pulp		
Stairs (inside)		
Boxes and crates		
Fiber or particle be	bards	
Veneer for interior	of plywood	
Blockboard		
Light carpentry		
Glued laminated		