



# DBHARDWOODS

## ADDING VALUE TO HARDWOOD

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### RUBBERWOOD Technical Details

<b>Name</b>	:	Rubberwood
<b>Botanical name</b>	:	Hevea brasiliensis
<b>Family</b>	:	Euphorbiaceae
<b>Origin</b>	:	South East Asia
<b>Sapwood</b>	:	Not differentiated from the heartwood
<b>Heartwood</b>	:	Colour : whitish yellow till pale cream colour, often with a pinkish tinge Grain: straight to shallowly interlocked Texture is moderately coarse but even parenchyma abundantly present

### Properties

- volumal mass fresh cut	:	800 kg/m <sup>3</sup>
- volumal mass at 12 % M.C.	:	560-640-720 kg/cm <sup>3</sup>
- volumal shrinkage for 1 % humidity	:	little to average
- total lineair shrinkage tangential	:	T % : 1,2 %
radial	:	R % : 0.8 %
- Compression Strength parallel to grain	:	32 N/mm <sup>2</sup>
- Static Bending MOE	:	9200 N/mm <sup>2</sup>
- Static Bending MOR	:	66 N/mm <sup>2</sup>

### Working properties

Solid wood :	- sawing	:	easily
	- drying	:	rather fast
			risk on deformation: reasonable
			risk on checks: reasonable
	- working properties	:	easily
			easy to laminate and to screw
			good nailing : predrilling advised
	- finishing	:	fairly smooth

### Applications

Solid wood :	- furniture parts
	- parquet flooring
	- staircases
	- solid furniture (bedrooms, dining rooms,...)
	- turning (table legs, bun feet, ...)
	- table tops
	- worktops, panelling, doors
	- household utility items, lightening, blockboard cores

### Remarks :

- no natural durability without treatment
- wood must be treated to prevent blue stain – fungal attack
- treatability : easy
- other remark : plantation wood = environmentally friendly