Common name:	JARRAH			
Family: Scientific name(s): Note:	MYRTACEAE Eucalyptus marginata JARRAH presently commerciali from regrowth forests (Australia			
LOG DESCRIPTION		WOOD DESCRIPTION	ON	
Diameter: Thickness of sapwood: Floats: Durability in forest : Note:	from 60 to 120 cm from 3 to 6 cm no Good Narrow sapwood. Wood red brown to dark brown,	Colour:Red brownSapwood:Clearly demarcatedTexture:MediumGrain:Straight or interlockedInterlocked grain:Slight		
PHYSICAL PROPERTIE		MECHANICAL PRO		
	roperties are based on mature heart			y greatly depending c
Density *: Monnin hardness*: Coef of volumetric shrinka Total tangential shrinkage: Total radial shrinkage: Fibre saturation point: Stability: Note:			th *: 101 *: 20090 e content ; 1 MPa	
Except for special commen	conditions.	te climate. s based on mature heartw		
Fungi: Dry wood borers: Termites: Treatability:	Class 1 - very durable Durable; sapwood demarcated (risk limited to sapwood)		* ensured by natural durability (according EN standards).	
Use class*: Note:	4 - in ground or fresh water contThis species is listed in the EuroAccording to the European standintensity of end-use exposition.The resistance to termites varies	pean standard NF EN 350 lard NF EN 335, perform	ance length migh	t be modified by the
MAIN LOCAL NAMES				
	1			
Countries Lo	ocal names			

JARRAH

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	g schedule		
Drying rate: Risk of distortion:	Slow High risk	M.C. (%)	Tempera dry-bulb	ature (°C) wet-bulb	Air humidity (%)
Risk of casehardening:NoRisk of checking:High riskRisk of collapse:Yes	High risk	Green 40 30 20 15	40 44 44 46 49	37 38 36 36 37	82 68 59 52 46

This schedule 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: Dr	rying must be done very slowly	(surface drying). Dehumidificat	ion drying is recommended.
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SAWING AND MACHINING

SAWING AND MACHIN	
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. Difficulties in presence of irregular grain. It is recommended to reduce the
	cutting angle to 15° to avoid tearing.

ASSEMBLING

Nailing / Screwing:	Good but pre-boring necessary
Gluing:	Correct

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).

Hydraulic works (fresh water) Sleepers Posts Bridges (parts in contact with water or ground) Industrial or heavy flooring Flooring Vehicle or container flooring Heavy carpentry Glued laminated Interior panelling Exterior panelling Bridges (parts not in contact with water or ground) Ship building (planking and deck) Stairs (inside) Moulding Cabinetwork (high class furniture)