



PACIFIC JARRAH

F34 KD Hardwood

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timbers
CERTIFIED HARDWOOD

Pacific Jarrah

Manilkara Bidentata

STAIRCASES – POSTS – JOISTS – DECKING – FLOORING – SCREENING

Description

Sapwood is 30 to 50mm wide, whitish or pale brown and distinct, but not sharply demarcated from the heartwood which is light red when freshly cut, turning to dark reddish-brown when dry. Lustre medium. Texture fine and uniform. Grain usually straight, occasionally interlocked. Boles 15–18m long, straight, cylindrical and unbuttressed.

Characteristics

Timber is exceptionally hard, heavy, strong and tough. Moderately hard to machine because of its high density but cuts cleanly without dulling of cutting edges. Turning must be done slowly to avoid tearing. Takes a high polish. Pre-boring is necessary for nails and screws. Very resistant to fungal and termite attack but liable to attack by marine borers. Extremely resistant to moisture absorption. High resistance to wear.

Uses

Structural timber, flooring, mine timber, ship and boat building, Vehicle body, furniture, cabinet work, handles and ladders, sporting goods, sleepers, poles, turnery.

Grade	Select
Durability	1 in and out of ground
Janka (KN)	14.2
Structural Grade	F34 KD (AS 2082)
FSC	FSC 100%

Density	Green	Strength
1140 -1240 Kg/m ³	1450- 1580 Kg/m ³	S1 – SD1

Moisture Conditions	Modules of Rupture		Modules of Elasticity x10		Maximum Crushing Strength		Maximum Shear Strength	
	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in
Green	103.0	15000	16.3	2360	51.7	7500	13.1	1900
12% KD	158.0	23000	18.7	2720	81.3	11800	18.7	2720

Tangential Green to 12% Moisture Cont.	Radial Green to 12% Moisture Cont.
>8.1	>4.1