

Brush Box

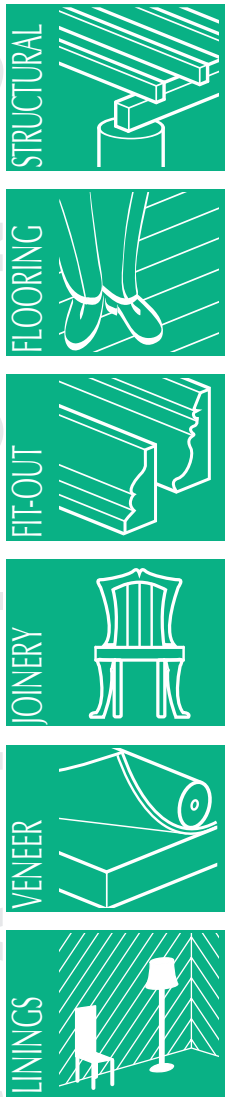
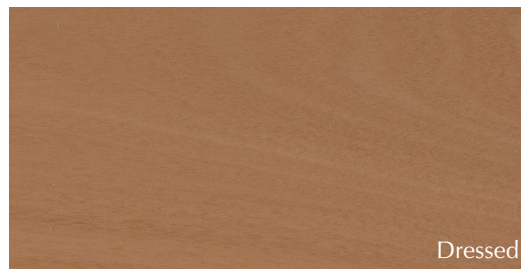
Lophostemon confertus

DESCRIPTION

Brush Box is a large hardwood which grows from the central coast of New South Wales up to Bowen in Queensland. The tree tends to be found on the edge of rainforests, suited to the moist forest conditions and the transition zone between hardwood and rainforest. It has a fibrous, scaly, persistent bark on the lower trunk and a smooth, often pinkish bark above and on the branches. The foliage is bright green. It has also been widely used in residential areas of Sydney for street trees.

APPEARANCE

The heartwood ranges from rich reddish browns through lighter browns and to pinkish greys. The texture is fine and even with the grain usually showing the characteristic interlocking. This is an attractive feature, particularly in exposed / polished situations such as flooring. The timber is free of gum vein. Considerable movement may be experienced when seasoning the product due to the interlocking grain.





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PROPERTIES

The heartwood only has moderate durability (Class 3), limiting some external applications. Its natural waxiness sometimes causes some adhesion problems with solvent based floor finishes. The wax it contains is called arjunolic acid.

Applications include heavy engineering, panelling, cladding and flooring

PROPERTIES	Lophostemon confertus
Density (kg/m ³)	
GD	1100
ADD	900
Hardness kN (Janka)	
Green	7.9
Dry	9.1
Durability Class	3
Strength Group	S3/SD3
Joint Group	J2/JD2
Shrinkage	
Radial % (approx.)	5.0
Tangential % (approx)	10.0
Structural Grades	
Unseasoned	F11/F14/F17
Seasoned	F22/F27
Toughness (Nm)	
Green	Medium
Dry	Medium
Early Fire Hazard Indices	
Ignitability	14
Spread of Flame	7
Smoke Development	3
Termite Resistant (to AS3660)	Yes
Lyctid Susceptible Sapwood	No



For additional assistance please contact the
Timber Advisory Service

1800 044 529

or visit the following websites:

www.timber.net.au

www.australianhardwood.net



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