







Saw milling and kiln drying - Specialising in Central Victoria's Australian native and plantation hardwoods

WOOD PROPERTIES				
	Grey Box <i>Eucalyptus mirocarpa</i>	Red Ironbark <i>Eucalyptus tricarpa</i>	White Ironbark <i>Eucalyptus leucoxyton</i>	Sugar Gum <i>Eucalyptus cladocalyx</i>
Heartwood colour	Pale brown/orange to reds. Weathers to a silver grey	Dark red to deep resin. Weathers to a silver grey	Yellowish/browns to pinks. Weathers to a silver grey.	Blond to light ginger, some dressings show up subtle greens and pins. Weathers to a silver grey
Grain	Close grain	Close grained	Close grain	Fine, close, even
Texture	Medium, some interlocking	Medium, some interlocking	Medium, some interlocking	Fine and decorative interlocked grain
Impact resistance	Very high	Very high	High	Very high
Electrical resistance	Very high	Very high	High	Very high
Green density	1170kg/m ³	1210kg/m ³	1200kg/m ³	1200kg/m ³
Air dry density	1130kg/m ³	1140kg/m ³	1010kg/m ³	1090kg/m ³
Durability (rated on a 6 class scale)	Class 1	High Class 1	Class 2	High Class1
Green hardness	11 kN	11 kN	9.1 kN	10 kN
Dry hardness	15 kN	13 kN	11 kN	High
Green structural grade (or strength)	F22	F27	F22	F27
Dry structural grade	F34	F27	F22	F27
Seasoning	Slow to dry	Slow to dry	Slow to dry	Slow to dry
Shrinkage	Radial 3.5% Tangential 6.5%	Radial 3.5% Tangential 7.0%	Radial 3.0% Tangential 6.0%	Radial 6.0% Tangential 10.5%
White ant resistance	Class 2	Class 1 (highest)	Class 3 (moderably durable)	Class 1 (highest)
Workability	High density and hardness requires sharp cutters for planing and moulding. Interlocked grain can cause tear-out problems	High density and hardness needs sharp cutters for planing and moulding. Less sanding needed to produce fine surface. Pre-drill before screwing and nailing		

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