



Species Name	Species Properties		Janka (Hardness) Rating	Natural Durability Class		Density (kg/m <sup>3</sup> )	Strength Group		Joint Group		Fire						Toughness <sup>A</sup> (Nm)		Naturally Termite Resistant to AS360 R = Non resistant NR = Non susceptible	Naturally Lyctus Susceptible S = Non susceptible NS = Non susceptible	Products		
	Botanical Name	Colour Range		In-ground Contact	Outside Above Ground		Unseasoned (Green)	Seasoned (Dried)	Unseasoned (Green)	Seasoned (Dried)	Unseasoned (Green)	Seasoned (Dried)	Smoke Developed Index	Critical Radiant Flux	Smoke Development Rate	Group Number	Highest BAL Rating	Tangential Shrinkage (%)				Naturally Unseasoned (Green)	Seasoned (Dried)
Australian Beech*	Blend of Lighter Hardwood Species	Blonde	7.3	3	3	1090	770	S3	SD3	J3	JD3	5	3	>2.2 and <4.5	<750	3	BAL-19	11.3	Medium	Medium	NR	S	Flooring
Blackbutt	Eucalyptus Pillularis	Blonde	8.9	2	1	1100	900	S2	SD2	J2	JD2	7	3	>2.2 and <4.5	<750	3	BAL-29	7.3	Medium	Medium	R	NS	Cladding Decking Flooring Structural
Brushbox	Lophostemon Confertus, Syn: Tristantia Conferta	Brown	9.1	3	3	1190	890	S3	SD3	J2	JD2	7	2	>2.2 and <4.5	<750	3	BAL-19	9.7	Medium	Medium	R	NS	Flooring
Flooded (Rose) Gum	Eucalyptus Grandis	Red	7.3	3	2	1060	750	S3	SD4	J2	JD2	7	3	>2.2 and <4.5	<750	3	BAL-19	7.2	Medium	Medium	NR	NS	Flooring
Forest Reds**	Blend of Red Hardwood Species	Red	8.1	3	2	1110	840	S3	SD3	J2	JD2	6	3	>2.2 and <4.5	<750	3	BAL-19	9.5	Medium	Medium	NR	S	Decking Flooring
Grey Ironbark	Eucalyptus Drepanophylla, E. Siderophloia, E. Decepta	Brown	16.0	1	1	1170	1106	S1	SD1	J1	JD1	0	3	>2.2 and <4.5	<750	3	BAL-19	7.5	High	High	R	NS	Cladding Decking Flooring
Red Ironbark	Eucalyptus Sideroxylon	Red	11.9	1	1	1160	1050	S2	SD3	J1	JD1	5	3	>2.2 and <4.5	<750	3	BAL-29	6.3	High	Medium	R	S	Flooring
Messmate	Eucalyptus Obliqua	Blonde	7.3	3	3	1090	770	S3	SD3	J3	JD3	5	3	>2.2 and <4.5	<750	3	BAL-19	11.3	Medium	Medium	NR	S	Flooring
New England Oak (Manna Gum)	Eucalyptus Viminalis	Blonde	5.8	4	3	1000	780	S4	SD4	J3	JD2	-	-	>2.2 and <4.5	<750	3	BAL-19	12.0	Medium	Medium	NR	S	Flooring
Red Mahogany	Eucalyptus Resinifera, E. Pellita	Red	12.0	2	1	1200	950	S2	SD3	J1	JD1	5	3	>2.2 and <4.5	<750	3	BAL-19	6.3	Medium	Medium	R	S	Decking Flooring
River Reds	Eucalyptus Grandis	Red	7.3	3	2	1060	750	S3	SD4	J2	JD2	7	3	>2.2 and <4.5	<750	3	BAL-19	7.2	Medium	Medium	NR	NS	Decking
Royal Reds	Blend of Red Hardwood Species	Red	12.0	2	1	1200	950	S2	SD3	J1	JD1	5	3	>2.2 and <4.5	<750	3	BAL-19	6.3	Medium	Medium	R	S	Decking
Spotted Gum	Eucalyptus Maculata, Syn: Corymbia Maculata, C. Citrodora, Syn: E. Citrodora, C. Henryi, Syn: E. Henryi	Brown	10.1	2	1	1180	990	S2	SD2	J1	JD1	3	3	>2.2 and <4.5	<750	3	BAL-29	6.1	High	High	R	S	Cladding Decking Flooring Screening Structural
Stringybark Shiretop	Eucalyptus Laeopinea	Blonde	8.8	2	2	1050	850	S2	SD2	J4	JD2	5	3	-	<250	3	BAL-19*	10.0	-	-	NR	NS	Structural
Stringybark Yellow	Eucalyptus Muelleriana	Blonde	8.6	3	2	1150	885	S3	SD3	J2	JD2	6	3	>2.2 and <4.5	<750	3	BAL-19*	7.5	Medium	Medium	R	NS	Decking
Sydney Blue Gum	Eucalyptus Saligna	Red	8.1	3	2	1110	840	S3	SD3	J2	JD2	6	3	>2.2 and <4.5	<750	3	BAL-19	9.5	Medium	Medium	NR	S	Flooring
Tallowood	Eucalyptus Microcorys	Brown	8.6	1	1	1200	990	S2	SD2	J1	JD1	5	4	>2.2 and <4.5	<750	3	BAL-19*	6.1	20	17	R	S	Decking Flooring
Tasmanian Oak	Eucalyptus Delegatensis, E. Obliqua & E. Regnans	Blonde	4.9	4	3	1050	650	S4	SD4	J3	JD3	-	-	>2.2 and <4.5	<750	3	Not Tested	13.3	Medium	Medium	R	NS	Flooring
Turpentine	Syncaeria Laurifolia, Syn: S. Glomulifera	Red	11.6	2	1	1170	945	S3	SD3	J2	JD2	5	3	>2.2 and <4.5	<750	3	BAL-29	13.0	Medium	Medium	R	NS	Decking Flooring
White Mahogany	Eucalyptus Acmenoides	Blonde	12.0	1	1	1150	950	S2	SD3	J1	JD1	0	3	-	-	3	BAL-19	5.4	Medium	Medium	R	NS	Cladding Decking

\*Australian Beech: provided properties based on Messmate \*\*Forest Reds: provided properties based on Sydney Blue Gum \*BAL-12.5, BAL-19 ALL AS3959 required applications

A:Medium (15-24Nm), High (25Nm and Above) Information provided by Wood Solutions