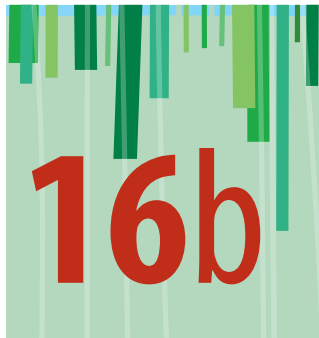




TECHNICAL DATA SHEET
ISSUED BY TIMBER QUEENSLAND

SPECIES, PROPERTIES AND USES
SPECIES TABLES



RECOMMENDED PRACTICE // MARCH 2014

To be read in conjunction with TDS 16a

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15														
Standard Trade Name	Botanical Name	Strength Group		Joint Group		Density (kg/m ³)		Hardness (Seasoned kN)	Toughness	Tangential Shrinkage %	#Durability Class (*Termite Resistant)	Lycid Susceptibility	Bushfire Rated	Colour														
		Unseasoned	Seasoned	Unseasoned	Seasoned	Unseasoned	Seasoned								Unseasoned	Seasoned												
Internal Above Ground-Exposed	Internal Above Ground-Protected	Decking	Cladding	Internal Flooring	Panelling	External Joinery	Internal Joinery	Common Uses																				
								In Ground	Framing Above Ground-Exposed	Framing Above Ground-Protected	Decking	Cladding	Internal Flooring	Panelling	External Joinery	Internal Joinery	Availability varies region by region											
gum, river, red	<i>Eucalyptus camaldulensis</i>	S5	SD5	J2	JD2	1150	900	9.7	M	L	8.9	0.31	2*/1	S	✓	R	0	0	0	0	0	0	0	0	0	L		
gum, rose	<i>Eucalyptus grandis</i>	S3	SD4	J2	JD2	1100	750	7.3	M	M	7.5	0.30	3/2	NS	-	P	-	0	0	0	0	0	0	0	0	0	R	
gum, shining	<i>Eucalyptus nitens</i>	S4	SD4	J3	JD3	1100	530	5.8	M	M	12.8	0.33	4/3	S	-	W	-	0	0	0	0	0	0	0	0	0	L	
gum, spotted	<i>Corymbia maculata</i> / <i>Corymbia citriodora</i>	S2	SD2	J1	JD1	1200	1100	10.1	H	H	6.1	0.38	2*/1	S	✓	B	-	0	0	0	0	0	0	0	0	0	R	
hardwood, Johnstone River	<i>Banksia bancroftii</i>	S2	SD3	J1	JD1	1150	950	-	-	-	6.4	0.39	3/2	NS	-	B	-	-	-	-	-	-	-	-	-	-	L	
hemlock western	<i>Tsuga heterophylla</i>	S6	SD6	J4	JD4	800	500	2.7	L	L	5.0	-	4/4	NS	-	W	-	0	0	0	0	0	0	0	0	0	L	
ironbark, grey	<i>Eucalyptus paniculata</i>	S1	SD1	J1	JD1	1250	1100	16.3	H	H	7.5	0.39	1*/1	NS	-	WRB	0	0	0	0	0	0	0	0	0	0	R	
ironbark, red	<i>Eucalyptus sideroxylon</i>	S2	SD3	J1	JD1	1200	1100	11.9	H	M	6.3	0.37	1*/1	S	✓	R	0	0	0	0	0	0	0	0	0	0	R	
ironwood Cooktown	<i>Erythrophileum chlorostgchys</i>	S1	SD1	-	-	-	1220	13.0	-	-	3.0	-	1/1	S	-	RB	0	0	0	0	0	0	0	0	0	0	L	
jarrah	<i>Eucalyptus marginata</i>	S4	SD4	J2	JD2	1100	800	8.5	L	L	7.4	0.30	2*/2	S	-	R	-	0	0	0	0	0	0	0	0	0	R	
kapur	<i>Dryobalanops</i> spp.	S3	SD4	J2	JD2	1100	750	5.4	L	M	6.0	-	3/2	NS	-	WPR	-	0	0	0	0	0	0	0	0	0	L	
karri	<i>Eucalyptus diversicolor</i>	S3	SD2	J2	JD2	1150	900	9.0	M	M	9.9	0.40	3/2	NS	-	P	-	0	0	0	0	0	0	0	0	0	R	
keruing	<i>Dipterocarpus</i> spp.	S3	SD3	J2	JD2	950	750	4.6	H	H	9.5	-	3/3	S	-	R	P	P	P	P	P	P	P	P	P	P	L	
kwila (merbau)	<i>Intsia bijuga</i>	S2	SD3	J2	JD2	1150	850	8.8	M	M	2.5	-	3*/1	S	✓	R	-	0	0	0	0	0	0	0	0	0	0	R
mahogany, Philippine, red, dark	<i>Shorea</i> spp.	S5	SD6	-	JD3	-	650	3.2	-	-	4.0	-	3/3	S	-	R	-	-	-	-	-	-	-	-	-	-	0	R
mahogany, Philippine, red, light	<i>Shorea, Pentacme, Parashorea</i> spp.	S6	SD7	-	JD4	-	550	2.6	-	-	6.5	-	4/4	S	-	W	-	-	-	-	-	-	-	-	-	-	0	R
mahogany, red	<i>Eucalyptus resinifera</i>	S2	SD3	J1	JD1	1200	950	12.0	M	M	6.3	0.34	2*/1	S	-	R	-	0	0	0	0	0	0	0	0	0	0	L
mahogany, southern	<i>Eucalyptus botryoides</i>	S2	SD3	J2	JD2	1100	900	9.2	M	M	9.8	0.37	3*/2	NS	-	R	-	0	0	0	0	0	0	0	0	0	0	L
mahogany, white	<i>Eucalyptus acmenioides</i>	S2	SD3	J1	JD2	1150	1000	10.1	M	M	5.4	0.34	1*/1	NS	-	W	-	0	0	0	0	0	0	0	0	0	0	R
marri	<i>Eucalyptus calophylla</i>	S3	SD3	J2	JD2	1150	850	7.1	M	M	6.6	0.34	3/3	S	-	W	-	0	0	0	0	0	0	0	0	0	0	L
meranti, red, dark	<i>Shorea</i> spp.	S5	SD6	J4	JD3	1100	650	3.5	-	-	5.0	-	4/2	S	-	R	-	-	-	-	-	-	-	-	-	-	0	R
meranti, red, light	<i>Shorea</i> spp.	S6	SD7	-	JD5	-	400	2.4	-	-	4.4	-	4/3	S	-	P	-	-	-	-	-	-	-	-	-	-	0	R
messmate	<i>Eucalyptus obliqua</i>	S3	SD3	J3	JD3	1100	750	7.4	M	M	11.3	0.36	3/3	S	-	W	-	0	0	0	0	0	0	0	0	0	0	R
messmate, Gympie	<i>Eucalyptus cloeziana</i>	S2	SD3	J1	JD1	-	955	-	-	-	6.0	-	1*/1	NS	-	W	0	0	0	0	0	0	0	0	0	0	0	L
oak, American	<i>Quercus</i> spp.	S6	SD6	-	-	-	750	-	-	-	5.0	-	4/-	S	-	W	-	-	-	-	-	-	-	-	-	-	0	L
pelawan (Northern Box)	<i>Tristania</i> spp.	S2	SD2	J1	JD1	1145	920	-	M	M	7.0	-	2/2	NS	-	PR	-	-	-	-	-	-	-	-	-	-	0	R

Durability Class - Inground/above ground

