



SIZES & SPECS SHEET

Durability	Durability Class 2 (Above Ground) Timber Species, Durability Class 1 Upon Request	Naturally bushfire resistant Naturally termite resistant Naturally weather resistant	
Profiles	Straight	Cambered to 600m radius	
Appearance Grades	Beam 21 is available in two finish grades as per AS 1328.1 – 1998: Appearance Grade A Appearance Grade B	Appearance Grade A Appearance Grade A is produced from sustainably sourced spotted gum and intended for use in applications where appearance is important and clear or painted finishes are used. All surface voids are therefore filled or repaired, and edges have a pencil round arris. Unless otherwise specified, the surfaces are sanded to a minimum 60 grit finish.	Appearance Grade B Appearance Grade B is produced from sustainably sourced mixed Australian hardwoods, intended for use in painted applications or applications where appearance is not important. The surface is clean and planed but may exhibit minor blemishes. Edges are finished with a pencil round arris.
Fire Performance	Appearance Grade A BAL29	Appearance Grade B Bush fire assessment based on density is required.	
Sizes	65mm Thickness 120, 155, 185, 215, 240, 280, 300, 315, 350, 380, 410	85mm Thickness 120, 155, 185, 215, 240, 280, 300, 315, 350, 380, 410	Length Ranges 2.4m to 15.6m (in 0.3m increments)
Other sizes available upon request.			
Design Properties	Bending (F _b) 50MPa	Tension (F _t) 25MPa	Shear (F _v) 5.0MPa
	Compression (F _c) 50MPa	Modulus of Elasticity (E) 21,000MPa	Modulus of Rigidity (G) 1,400MPa
	Density 1000kg/m³	Joint Group JD2	Strength Group SD2