



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	
Profile	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 Intended for use in applications where appearance is important and clear or painted finishes are used. All surface voids are therefore filled or repaired. Unless otherwise specified, the surfaces are sanded to a minimum 60 grit finish.	Appearance Grade B Intended for use in painted applications or applications where appearance is not important. The surface is clean and planed but may exhibit minor blemishes.
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	Lengths 2.4m to 16.8m (in 0.3m increments)
Design Properties	Bending (F_b) 50MPa	Tension (F_t) 25MPa	Shear (F_s) 5.0MPa
	Compression (F_c) 50MPa	Modulus of Elasticity (E) 21,000MPa	Modulus of Rigidity (G) 1,400MPa