



# SIZES & SPECS SHEET

Durability	Durability Class 4 (Above Ground) Timber Species	Available H3 treated for external, above ground applications	
Profile	Straight		
Appearance Grades	LGL is available in one finish grade as per AS 1328.1 –1998: Appearance Grade C	Appearance Grade C This grade is intended for use in applications where appearance is not important. All blemishes and voids are acceptable.	
Sizes	44mm thickness 130, 150, 170, 200, 240, 300, 360	65mm thickness 130, 150, 170, 200, 240, 300, 360	
1.8m to 12m in 0.3mm increments available in QLD 2.4m to 12m in 0.6m increments available nationwide			
Design Properties	44MM THICKNESS:		
	Bending (F <sub>b</sub> ) 30MPa	Tension (F <sub>t</sub> ) 16MPa	Shear (F <sub>s</sub> ) 3.7MPa
	Compression (F <sub>c</sub> ) 30MPa	Modulus of Elasticity (E) 13,300MPa	Modulus of Rigidity (G) 890MPa
	Density 650kg/m³	Joint Group JD4	Strength Group SD6



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### Design Properties cont.

#### 65MM THICKNESS:

Bending ( $F_b$ )  
33MPa

Tension ( $F_t$ )  
16MPa

Shear ( $F_s$ )  
4.2MPa

Compression ( $F_c$ )  
26MPa

Modulus of Elasticity (E)  
13,300MPa

Modulus of Rigidity (G)  
900MPa

Density  
650kg/m<sup>3</sup>

Joint Group  
JD4

Strength Group  
SD6