



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 0.3m increments available in QLD
2.4m to 12m in 0.6m increments available nationwide

Design Properties

44MM THICKNESS:

Bending (F_b)

30MPa

Tension (F_t)

16MPa

Shear (F_s)

3.7MPa

Compression (F_c)

26MPa

Modulus of Elasticity (E)

13,300MPa

Modulus of Rigidity (G)

890MPa

Density

650kg/m³

Joint Group

JD4



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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/m³

Joint Group
JD4
