BEAM 15

SIZES & SPECS SHEET

Durability

Durability Class 4 (Above Ground) Southern Pine timber species

Available H2 treated for internal, above ground applications

Available H3 treated for external, above ground applications

Profiles

Straight (made to order)

Cambered to 600m radius

Appearance Grades

Beam 15 is available in two finish grades as per AS 1328.1 – 1998: Appearance Grade A (made to order) and Appearance Grade B.

H2 treated is only available in Appearance Grade B.

Appearance Grade A is H3 treated.

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
130, 165, 195, 230, 260, 295, 330, 360, 395, 425, 460, 495

85mm Thickness
130, 165, 195, 230, 260, 295, 330, 360, 395, 425, 460, 495, 525

130mm Thickness
130, 165, 195, 230, 260, 295, 330, 360, 395, 425, 460, 495, 525

1.8m – 12m in 0.3mm increments available in QLD.
2.4m to 12m in 0.3m increments available nationwide.
Made-to-order depth up to 1200 available on request.

Design Properties

65, 85MM THICKNESS:

Bending (F_b)
38MPa

Tension (F_t)
20MPa

Shear (F_s)
4.2MPa

Compression (F_c)
33MPa

Modulus of Elasticity (E)
15,500MPa

Modulus of Rigidity (G)
980MPa

Density
650kg/m³

Joint Group
JD4

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Design Properties cont.

130MM THICKNESS:

Bending (F_b) 36MPa	**Tension (F_t)** 20MPa	**Shear (F_s)** 4.2MPa
Compression (F_c) 33MPa	**Modulus of Elasticity (E)** 14,800MPa	**Modulus of Rigidity (G)** 980MPa
Density 650kg/m³	**Joint Group** JD4	

Please install in accordance with Technical Data Sheets 5, 6, 8, 9, available at www.hyne.com.au/resources

HYNE TIMBER