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BULLNOSED VERANDAH MEMBER SIZING CHART

DESIGN CONDITIONS: To AS 1170-2 1989 Section 2 Simplified Procedure for an Unenclosed Verandah or Awning in a suburban sheltered position giving a net uplift pressure of 1.6 kPa. Also to the Timber Engineering Code AS 1720.

FASCIA SIZE in seasoned pine F7

200 X 50 Maximum span= 3000 mm for verandah widths up to 4200 mm
 150 x 50 Maximum span= 2400 mm for verandah widths up to 3000 mm

POST SIZE in seasoned pine F11

90 X 90

COMMON RAFTERS in seasoned pine F11

Select the proposed verandah width at (A) then look immediately below at (B) for a suitable rafter spacing and read off the recommended rafter size in the left hand column.

(A) VERANDAH WIDTH = RAFTER SPAN (METERS)
 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2

(B) MAXIMUM RAFTER SPACING (METERS)

RAFTER SIZE

| | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 100 X 50 | 2.4 | 2.4 | 1.8 | 1.2 | 1.2 | | | | | | | |
| 150 X 50 | | | | 3.0 | 3.0 | 3.0 | 2.5 | 2.0 | 1.5 | | | |
| 200 X 50 | | | | | | | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | |

NOTE: The maximum rafter spacing for a particular verandah width is the number directly below and in the same column as the width. Although a narrower rafter spacing is allowable.

HIP RAFTERS and **JACK RAFTER** both in seasoned pine F11

VERANDAH WIDTH = RAFTER SPAN (METERS)
 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2

JACK+HIP SIZES

| | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|--|
| 100 X 50 | HIP | HIP | HIP | HIP | | | | | | | | |
| 150 X 50 | | | | HIP | HIP | HIP | HIP | JACK | JACK | | | |
| 200 X 50 | | | | | | | | HIP | HIP | JACK | JACK | |
| 250 X 50 | | | | | | | | | | HIP | HIP | |


PURLINS in seasoned pine F7

Purlins spaced at 1200 mm maximum

PURLIN SIZE

100 x 50 for a maximum span = 2.5 Meters
 150 x 50 for a maximum span = 3.0 Meters

NOTE: Since the purlin is attached to the side of the rafter match the depth of the purlin with the rafter depth for a neat appearance from below.



Peter Blacker
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