



Meyer
TIMBER®



Meypine

Pro primed LOSP H3 treated

RITE PINE H3

Handy Span Guide



Meypine and Rite Pine are H3 preservative treated pre-primed timbers manufactured from sustainably grown plantation softwoods. They are available in both structural and non-structural sections, with this guide providing span tables for common loading scenarios using the structural section sizes.

Meypine

sizes are available from Meyer Timber in Victoria and Tasmania.

Pro primed LOSP H3 treated

RITE PINE H3

sizes are available from Meyer Timber in New South Wales.

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ROOF MASSES USED IN TABLES

| | |
|---------------------|---|
| 10kg/m ² | = Polycarbonate/metal roofing and battens |
| 20kg/m ² | = Metal roofing, battens and lightweight insulation |
| 40kg/m ² | = AS1720.3/AS1684 Sheet roof + ceiling |
| 90kg/m ² | = AS1720.3/AS1684 Tile roof + ceiling |

The following tables have been produced in accordance with AS1720.3-2016, the AS1170 loading code series and established engineering principles:

- Members specified in these tables are suitable for use up to and including N3 wind classification.
- Members specified are for use in residential applications. Applicability of loading for commercial applications should be confirmed before relying on spans in this guide.
- All Meypine and Rite Pine sections in this guide are H3 treated for external weather exposed application and pre-primed. Any cuts, holes or notches must be re-treated with a paint-on or spray-on H3 preservative sealer.
- Sizes or loading configurations not included in this guide can be specified using software which includes Meypine and Rite Pine sizes, such as designIT.

DEFINITIONS:

Span Span is the clear span between supports along the length of the member.

Single Span A member which is supported at two points only.

Continuous Span A member which is supported at three or more points along its length. For F7 grades if one span is more than twice the adjacent span use the single span option. For GL grades the smaller span must be at least 0.8 times the larger adjacent span to use the continuous span option.

Spacing Spacing is determined as the centre to centre distance between adjacent parallel members such as joists, rafters and the like.

Load Width Roof Load Width (RLW) and Floor Load Width (FLW) are to be determined as per AS1684. Typically, they relate to half the span of supported members on each side of a beam plus an overhang. Refer to Clause 2.6 of AS1684.2 for more information.

Loading Loading has been taken in accordance with AS1720.3-2016 for residential applications.

FLOOR JOISTS

Supporting floor loads only

Table 1a - Standard Floor Load (40kg/m² / 1.5kPa)

| Section size | | Floor joist spacing (mm) | | | | | |
|--------------|-----------|--------------------------|-----|-----|-----------------------------|-----|-----|
| Rite Pine | Meypine | 400 | 450 | 600 | 400 | 450 | 600 |
| | | Maximum single span (m) | | | Maximum continuous span (m) | | |
| 90x42 F7 | 90x42 F7 | 1.3 | 1.3 | 1.1 | 1.7 | 1.6 | 1.5 |
| 138x42 F7 | 138x42 F7 | 2.4 | 2.3 | 2.2 | 3.0 | 2.8 | 2.6 |
| 185x42 F7 | 185x42 F7 | 3.4 | 3.2 | 3.0 | 4.3 | 3.9 | 3.5 |
| 230x42 F7 | 230x42 F7 | 4.4 | 4.2 | 3.8 | 5.1 | 5.0 | 4.7 |
| 280x42 F7 | 280x42 F7 | 5.2 | 5.0 | 4.7 | 6.0 | 5.8 | 5.4 |

Table 1b - Heavy Floor Load (100kg/m² / 1.5kPa)

| Section size | | Floor joist spacing (mm) | | | | | |
|--------------|-----------|--------------------------|-----|-----|-----------------------------|-----|-----|
| Rite Pine | Meypine | 400 | 450 | 600 | 400 | 450 | 600 |
| | | Maximum single span (m) | | | Maximum continuous span (m) | | |
| 90x42 F7 | 90x42 F7 | 1.2 | 1.2 | 1.1 | 1.6 | 1.5 | 1.4 |
| 138x42 F7 | 138x42 F7 | 2.4 | 2.3 | 2.1 | 3.0 | 2.8 | 2.6 |
| 185x42 F7 | 185x42 F7 | 3.2 | 3.1 | 2.8 | 4.0 | 3.9 | 3.5 |
| 230x42 F7 | 230x42 F7 | 4.0 | 3.8 | 3.5 | 4.9 | 4.7 | 4.5 |
| 280x42 F7 | 280x42 F7 | 4.8 | 4.7 | 4.3 | 5.7 | 5.5 | 5.2 |

Table 1c - All load cases / span types

| Section size | | Floor joist spacing (mm) | | |
|--------------|-----------|--------------------------|------|------|
| Rite Pine | Meypine | 400 | 450 | 600 |
| | | Maximum cantilever (mm) | | |
| 90x42 F7 | 90x42 F7 | 350 | 300 | 250 |
| 138x42 F7 | 138x42 F7 | 600 | 600 | 500 |
| 185x42 F7 | 185x42 F7 | 900 | 850 | 800 |
| 230x42 F7 | 230x42 F7 | 1000 | 950 | 950 |
| 280x42 F7 | 280x42 F7 | 1150 | 1100 | 1000 |

Notes:

- Provide minimum 30mm bearing at end supports and 45mm bearing on internal supports.
- Ensure length suitability for continuous span members.

FLOOR BEARERS

Supporting floor loads only

Table 2a - Standard Floor Load (40kg/m² / 1.5kPa)

| Section size | | Floor load width (m) | | | | | | | | | | | |
|--------------|-------------|-------------------------|-----|-----|-----|-----|-----|-----------------------------|-----|-----|-----|-----|-----|
| Rite Pine | Meypine | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 |
| | | Maximum single span (m) | | | | | | Maximum continuous span (m) | | | | | |
| 140x65 GL8 | | 2.4 | 2.1 | 1.8 | 1.6 | 1.5 | 1.4 | 2.6 | 2.1 | 1.8 | 1.6 | 1.5 | 1.4 |
| 180x65 GL8 | | 3.1 | 2.7 | 2.4 | 2.1 | 1.9 | 1.8 | 3.4 | 2.8 | 2.4 | 2.0 | 1.8 | 1.7 |
| 240x65 GL8 | | 4.1 | 3.6 | 3.2 | 2.8 | 2.6 | 2.4 | 4.5 | 3.5 | 3.0 | 2.7 | 2.4 | 2.3 |
| 290x65 GL8 | | 4.7 | 4.3 | 3.9 | 3.4 | 3.1 | 2.9 | 5.2 | 4.2 | 3.7 | 3.3 | 3.0 | 2.7 |
| 140x65 GL10 | | 2.6 | 2.2 | 2.0 | 1.8 | 1.6 | 1.5 | 2.8 | 2.3 | 2.0 | 1.8 | 1.6 | 1.4 |
| 180x65 GL10 | 180X65 GL10 | 3.3 | 2.9 | 2.6 | 2.3 | 2.1 | 1.9 | 3.7 | 3.0 | 2.6 | 2.2 | 2.0 | 1.8 |
| 240x65 GL10 | 240X65 GL10 | 4.4 | 3.8 | 3.4 | 3.1 | 2.8 | 2.6 | 4.9 | 3.8 | 3.3 | 2.9 | 2.6 | 2.4 |
| 290x65 GL10 | 290X65 GL10 | 5.0 | 4.5 | 4.2 | 3.7 | 3.4 | 2.9 | 5.5 | 4.5 | 3.9 | 3.5 | 3.2 | 2.9 |
| 320x65 GL10 | | 5.4 | 4.9 | 4.5 | 4.1 | 3.5 | 3.3 | 6.1 | 5.0 | 4.3 | 3.9 | 3.5 | 3.3 |
| 360x65 GL10 | | 5.9 | 5.3 | 5.0 | 4.4 | 4.0 | 3.7 | 6.9 | 5.6 | 4.9 | 4.4 | 4.0 | 3.7 |

Table 2b - Heavy Floor Load (100kg/m² / 1.5kPa)

| Section size | | Floor load width (m) | | | | | | | | | | | |
|--------------|-------------|-------------------------|-----|-----|-----|-----|-----|-----------------------------|-----|-----|-----|-----|-----|
| Rite Pine | Meypine | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 |
| | | Maximum single span (m) | | | | | | Maximum continuous span (m) | | | | | |
| 140x65 GL8 | | 2.2 | 1.9 | 1.6 | 1.5 | 1.3 | 1.2 | 2.4 | 1.9 | 1.6 | 1.5 | 1.3 | 1.2 |
| 180x65 GL8 | | 2.8 | 2.4 | 2.1 | 1.9 | 1.7 | 1.6 | 3.0 | 2.5 | 2.1 | 1.9 | 1.7 | 1.5 |
| 240x65 GL8 | | 3.7 | 3.2 | 2.8 | 2.5 | 2.3 | 2.1 | 4.0 | 3.3 | 2.7 | 2.4 | 2.2 | 2.0 |
| 290x65 GL8 | | 4.2 | 3.8 | 3.4 | 3.1 | 2.8 | 2.6 | 4.9 | 3.8 | 3.3 | 2.9 | 2.6 | 2.4 |
| 140x65 GL10 | | 2.3 | 2.0 | 1.8 | 1.6 | 1.4 | 1.3 | 2.5 | 2.1 | 1.8 | 1.6 | 1.4 | 1.3 |
| 180x65 GL10 | 180X65 GL10 | 3.0 | 2.5 | 2.3 | 2.0 | 1.9 | 1.7 | 3.3 | 2.7 | 2.3 | 2.0 | 1.8 | 1.6 |
| 240x65 GL10 | 240X65 GL10 | 3.9 | 3.5 | 3.1 | 2.7 | 2.5 | 2.3 | 4.3 | 3.4 | 2.9 | 2.6 | 2.4 | 2.2 |
| 290x65 GL10 | 290X65 GL10 | 4.5 | 4.0 | 3.7 | 3.3 | 3.0 | 2.8 | 5.2 | 4.1 | 3.5 | 3.1 | 2.9 | 2.6 |
| 320x65 GL10 | | 4.8 | 4.3 | 4.0 | 3.7 | 3.3 | 2.9 | 5.4 | 4.5 | 3.9 | 3.5 | 3.1 | 2.9 |
| 360x65 GL10 | | 5.2 | 4.7 | 4.4 | 4.1 | 3.5 | 3.3 | 6.2 | 5.0 | 4.4 | 3.9 | 3.5 | 3.3 |

Notes:

- Provide minimum 35mm bearing at end supports and 70mm bearing on internal supports.
- Ensure length suitability for continuous span members.

ROOF RAFTERS

N3 wind classification

Table 3a - Common Rafters

| Section size | | Roof mass (kg/m ²) | Maximum rafter spacing (mm) | | | | |
|--------------|-----------|--------------------------------|-----------------------------|-----|-------------------------|-----|-----------------|
| Rite Pine | Meypine | | 600 | 900 | 600 | 900 | 900 |
| | | | Max single span (m) | | Max continuous span (m) | | Max o/hang (mm) |
| 90x42 F7 | 90x42 F7 | 10 | 2.0 | 1.9 | 2.3 | 2.1 | 500 |
| | | 20 | 2.0 | 1.9 | 2.2 | 2.1 | |
| | | 40 | 1.9 | 1.8 | 2.2 | 2.1 | |
| | | 90 | 1.6 | 1.4 | 2.0 | 1.8 | |
| 138x42 F7 | 138x42 F7 | 10 | 3.9 | 3.4 | 4.2 | 3.7 | 700 |
| | | 20 | 3.7 | 3.2 | 4.0 | 3.5 | |
| | | 40 | 3.2 | 2.8 | 3.7 | 3.4 | |
| | | 90 | 2.5 | 2.2 | 3.1 | 2.8 | |
| 185x42 F7 | 185x42 F7 | 10 | 5.1 | 4.4 | 5.6 | 4.9 | 900 |
| | | 20 | 4.7 | 4.1 | 5.4 | 4.8 | |
| | | 40 | 4.2 | 3.8 | 5.0 | 4.6 | |
| | | 90 | 3.3 | 2.9 | 4.0 | 3.7 | |
| 230x42 F7 | 230x42 F7 | 10 | 6.2 | 5.5 | 6.8 | 5.9 | 1100 |
| | | 20 | 5.7 | 5.1 | 6.4 | 5.7 | |
| | | 40 | 5.3 | 4.7 | 6.0 | 5.6 | |
| | | 90 | 4.2 | 3.6 | 4.9 | 4.5 | |
| 280x42 F7 | 280x42 F7 | 10 | 7.0 | 6.4 | 7.2 | 6.8 | 1400 |
| | | 20 | 6.5 | 5.9 | 7.2 | 6.6 | |
| | | 40 | 6.2 | 5.4 | 7.1 | 6.5 | |
| | | 90 | 5.0 | 4.4 | 6.0 | 5.5 | |

Table 3b - Hip/Valley Rafters (supporting common rafters only)

| Section size | | Roof mass (kg/m ²) | | | | | |
|--------------|-----------|--------------------------------|-----|-----|-------------------------|-----|-----|
| Rite Pine | Meypine | 20 | 40 | 90 | 20 | 40 | 90 |
| | | Max single span (m) | | | Max continuous span (m) | | |
| 90x42 F7 | 90x42 F7 | 1.8 | 1.7 | 1.6 | 2.2 | 2.2 | 2.0 |
| 138x42 F7 | 138x42 F7 | 3.1 | 2.8 | 2.3 | 3.4 | 3.2 | 2.8 |
| 185x42 F7 | 185x42 F7 | 3.8 | 3.4 | 2.8 | 4.1 | 3.9 | 3.4 |
| 230x42 F7 | 230x42 F7 | 4.3 | 4.1 | 3.3 | 4.4 | 4.3 | 3.9 |
| 280x42 F7 | 280x42 F7 | 4.7 | 4.5 | 3.9 | 5.0 | 4.7 | 4.3 |

Notes:

- Span of rafters is taken as raking length between supports (not plan length).
- Ensure length suitability for continuous span members.
- Maximum span in tables above is limited to 7.2m based on length availability.
- Refer to page 2 for explanation of roof masses.

ROOF BEAMS

N3 wind classification

Table 4 - Roof Beams (ridge beams & intermediate beams)

| Section size | | Roof mass (kg/m ²) | Roof load width (m) | | | | | | | |
|--------------|-------------|--------------------------------|---------------------|-----|-----|-----|-------------------------|-----|-----|-----|
| Rite Pine | Meypine | | 2.4 | 3.0 | 3.6 | 4.2 | 2.4 | 3.0 | 3.6 | 4.2 |
| | | | Max single span (m) | | | | Max continuous span (m) | | | |
| 140x65 GL8 | | 20 | 2.8 | 2.6 | 2.5 | 2.3 | 2.9 | 2.6 | 2.3 | 2.1 |
| | | 40 | 2.6 | 2.4 | 2.2 | 2.1 | 2.7 | 2.4 | 2.2 | 2.0 |
| | | 90 | 2.0 | 1.9 | 1.7 | 1.6 | 2.3 | 2.0 | 1.8 | 1.6 |
| 180x65 GL8 | | 20 | 3.4 | 3.2 | 3.1 | 2.9 | 3.7 | 3.3 | 3.0 | 2.8 |
| | | 40 | 3.3 | 3.0 | 2.8 | 2.7 | 3.5 | 3.1 | 2.8 | 2.6 |
| | | 90 | 2.6 | 2.4 | 2.2 | 2.1 | 2.8 | 2.5 | 2.3 | 2.1 |
| 240x65 GL8 | | 20 | 4.3 | 4.1 | 3.9 | 3.7 | 4.9 | 4.4 | 4.0 | 3.7 |
| | | 40 | 4.2 | 4.0 | 3.8 | 3.5 | 4.6 | 4.1 | 3.8 | 3.5 |
| | | 90 | 3.5 | 3.2 | 3.0 | 2.8 | 3.7 | 3.3 | 3.0 | 2.8 |
| 290x65 GL8 | | 20 | 5.0 | 4.8 | 4.6 | 4.4 | 5.9 | 5.3 | 4.8 | 4.5 |
| | | 40 | 4.9 | 4.7 | 4.4 | 4.2 | 5.6 | 5.0 | 4.5 | 4.2 |
| | | 90 | 4.2 | 3.9 | 3.6 | 3.4 | 4.5 | 4.0 | 3.7 | 3.4 |
| 140x65 GL10 | | 20 | 3.0 | 2.8 | 2.7 | 2.4 | 3.1 | 2.8 | 2.5 | 2.3 |
| | | 40 | 2.8 | 2.6 | 2.4 | 2.2 | 2.9 | 2.6 | 2.4 | 2.2 |
| | | 90 | 2.2 | 2.0 | 1.9 | 1.8 | 2.5 | 2.1 | 1.9 | 1.7 |
| 180x65 GL10 | 180x65 GL10 | 20 | 3.6 | 3.4 | 3.3 | 3.0 | 4.0 | 3.6 | 3.2 | 3.0 |
| | | 40 | 3.4 | 3.2 | 3.1 | 2.9 | 3.7 | 3.3 | 3.0 | 2.8 |
| | | 90 | 2.8 | 2.6 | 2.4 | 2.3 | 3.0 | 2.7 | 2.4 | 2.2 |
| 240x65 GL10 | 240x65 GL10 | 20 | 4.5 | 4.3 | 4.1 | 3.9 | 5.3 | 4.7 | 4.3 | 4.0 |
| | | 40 | 4.4 | 4.2 | 4.0 | 3.7 | 4.9 | 4.4 | 4.0 | 3.7 |
| | | 90 | 3.7 | 3.4 | 3.2 | 3.0 | 4.0 | 3.6 | 3.3 | 3.0 |
| 290x65 GL10 | 290x65 GL10 | 20 | 5.2 | 5.0 | 4.8 | 4.6 | 6.3 | 5.7 | 5.2 | 4.8 |
| | | 40 | 5.2 | 5.0 | 4.9 | 4.5 | 6.0 | 5.4 | 4.9 | 4.5 |
| | | 90 | 4.5 | 4.2 | 3.8 | 3.6 | 4.8 | 4.3 | 3.9 | 3.6 |
| 320x65 GL10 | | 20 | 5.8 | 5.5 | 5.3 | 5.1 | 7.0 | 6.3 | 5.7 | 5.3 |
| | | 40 | 5.7 | 5.5 | 5.3 | 5.0 | 6.6 | 5.9 | 5.4 | 5.0 |
| | | 90 | 5.0 | 4.6 | 4.3 | 4.0 | 5.3 | 4.8 | 4.3 | 4.0 |
| 360x65 GL10 | | 20 | 6.4 | 6.0 | 5.7 | 5.5 | 7.2 | 7.1 | 6.4 | 5.9 |
| | | 40 | 5.9 | 5.6 | 5.4 | 5.1 | 7.2 | 6.7 | 6.1 | 5.6 |
| | | 90 | 5.2 | 4.8 | 4.5 | 4.3 | 5.9 | 5.4 | 4.9 | 4.5 |

Notes:

- Provide minimum 35mm bearing at end supports and 70mm bearing on internal supports.
- Ensure length suitability for continuous span members.
- Maximum span in tables above is limited to 7.2m based on length availability.
- Refer to page 2 for explanation of roof masses.

VERANDAH BEAMS

N3 wind classification

Table 5 - Verandah Beams

| Section size | | Roof mass (kg/m ²) | Roof load width (m) | | | | | | | |
|--------------|-------------|--------------------------------|---------------------|-----|-----|-----|-------------------------|-----|-----|-----|
| Rite Pine | Meypine | | 0.9 | 1.5 | 2.1 | 2.7 | 0.9 | 1.5 | 2.1 | 2.7 |
| | | | Max single span (m) | | | | Max continuous span (m) | | | |
| 140x65 GL8 | | 20 | 3.2 | 2.9 | 2.6 | 2.3 | 4.0 | 2.9 | 2.6 | 2.4 |
| | | 40 | 3.2 | 2.8 | 2.5 | 2.2 | 3.9 | 2.9 | 2.6 | 2.4 |
| | | 90 | 2.5 | 2.1 | 1.9 | 1.7 | 3.1 | 2.6 | 2.3 | 1.9 |
| 180x65 GL8 | | 20 | 4.0 | 3.5 | 3.2 | 2.8 | 5.0 | 3.7 | 3.2 | 2.8 |
| | | 40 | 4.0 | 3.4 | 3.1 | 2.8 | 4.8 | 3.7 | 3.2 | 2.8 |
| | | 90 | 3.2 | 2.7 | 2.5 | 2.3 | 4.0 | 3.3 | 2.8 | 2.5 |
| 240x65 GL8 | | 20 | 5.1 | 4.5 | 4.0 | 3.6 | 6.1 | 5.0 | 4.3 | 3.7 |
| | | 40 | 4.9 | 4.4 | 4.0 | 3.6 | 5.8 | 5.0 | 4.3 | 3.7 |
| | | 90 | 4.2 | 3.7 | 3.3 | 3.0 | 4.9 | 4.3 | 3.8 | 3.3 |
| 290x65 GL8 | | 20 | 5.9 | 5.1 | 4.6 | 4.2 | 7.2 | 5.8 | 5.2 | 4.7 |
| | | 40 | 5.7 | 5.1 | 4.6 | 4.2 | 6.6 | 5.8 | 5.2 | 4.7 |
| | | 90 | 4.8 | 4.3 | 4.0 | 3.7 | 5.6 | 5.0 | 4.6 | 4.0 |
| 140x65 GL10 | | 20 | 3.5 | 3.1 | 2.7 | 2.5 | 4.3 | 3.2 | 2.7 | 2.5 |
| | | 40 | 3.4 | 2.9 | 2.7 | 2.5 | 4.2 | 3.2 | 2.7 | 2.5 |
| | | 90 | 2.7 | 2.3 | 2.0 | 1.9 | 3.3 | 2.8 | 2.4 | 2.1 |
| 180x65 GL10 | 180x65 GL10 | 20 | 4.3 | 3.8 | 3.4 | 3.1 | 5.3 | 4.1 | 3.4 | 3.0 |
| | | 40 | 4.2 | 3.6 | 3.3 | 3.1 | 5.0 | 4.1 | 3.4 | 3.0 |
| | | 90 | 3.5 | 3.0 | 2.6 | 2.5 | 4.2 | 3.6 | 3.0 | 2.7 |
| 240x65 GL10 | 240x65 GL10 | 20 | 5.4 | 4.8 | 4.3 | 3.9 | 6.6 | 5.5 | 4.8 | 4.1 |
| | | 40 | 5.3 | 4.6 | 4.2 | 3.9 | 6.2 | 5.5 | 4.8 | 4.1 |
| | | 90 | 4.5 | 3.9 | 3.6 | 3.2 | 5.2 | 4.6 | 4.1 | 3.6 |
| 290x65 GL10 | 290x65 GL10 | 20 | 6.1 | 5.4 | 5.0 | 4.7 | 7.2 | 6.7 | 5.6 | 5.0 |
| | | 40 | 6.0 | 5.3 | 4.9 | 4.7 | 6.9 | 6.3 | 5.6 | 5.0 |
| | | 90 | 5.1 | 4.5 | 4.2 | 3.9 | 5.9 | 5.3 | 4.9 | 4.3 |
| 320x65 GL10 | | 20 | 6.7 | 6.0 | 5.5 | 5.2 | 7.2 | 7.2 | 6.2 | 5.5 |
| | | 40 | 6.4 | 5.8 | 5.3 | 5.1 | 7.2 | 6.7 | 6.1 | 5.4 |
| | | 90 | 5.5 | 4.9 | 4.5 | 4.2 | 6.4 | 5.7 | 5.2 | 4.8 |
| 360x65 GL10 | | 20 | 7.2 | 6.5 | 6.0 | 5.6 | 7.2 | 7.2 | 7.2 | 6.4 |
| | | 40 | 7.0 | 6.3 | 5.8 | 5.5 | 7.2 | 7.2 | 6.8 | 6.1 |
| | | 90 | 6.0 | 5.3 | 4.9 | 4.6 | 6.9 | 6.2 | 5.7 | 5.3 |

Notes:

- Provide minimum 35mm bearing at end supports and 70mm bearing on internal supports.
- Ensure length suitability for continuous span members.
- Maximum span in tables above is limited to 7.2m based on length availability.
- Refer to page 2 for explanation of roof masses.

POSTS

Table 6a - Posts (supporting roof only)

| Section size | | Unsupported post height (m) | | | | | | | | | |
|--------------|-------------|---|-----|-----|-----|-----|--|-----|-----|-----|-----|
| Rite Pine | Meypine | 2.7 | 2.7 | 3.0 | 3.6 | 4.2 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 |
| | | Max sheet roof area (m ²) 40kg/m ² | | | | | Max tile roof area (m ²) 90kg/m ² | | | | |
| 88x88 GL8 | 88x88 GL8 | 22 | 19 | 15 | 10 | 8 | 18 | 14 | 12 | 8 | 6 |
| 112x112 GL8 | 112x112 GL8 | 25 | 25 | 25 | 25 | 20 | 25 | 25 | 25 | 21 | 15 |
| 135x135 GL8 | 135x135 GL8 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 185x185 GL8 | 185x185 GL8 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

Table 6b - Posts (supporting roof and up to 5m² floor)

| Section size | | Unsupported post height (m) | | | | | | | | | |
|--------------|-------------|---|-----|-----|-----|-----|--|-----|-----|-----|-----|
| Rite Pine | Meypine | 2.7 | 2.7 | 3.0 | 3.6 | 4.2 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 |
| | | Max sheet roof area (m ²) 40kg/m ² | | | | | Max tile roof area (m ²) 90kg/m ² | | | | |
| 88x88 GL8 | 88x88 GL8 | 21 | 16 | 12 | 6 | - | 14 | 10 | 7 | 2 | - |
| 112x112 GL8 | 112x112 GL8 | 25 | 25 | 25 | 25 | 18 | 25 | 25 | 25 | 18 | 12 |
| 135x135 GL8 | 135x135 GL8 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 185x185 GL8 | 185x185 GL8 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

Table 6c - Posts (supporting roof and up to 10m² floor)

| Section size | | Unsupported post height (m) | | | | | | | | | |
|--------------|-------------|---|-----|-----|-----|-----|--|-----|-----|-----|-----|
| Rite Pine | Meypine | 2.7 | 2.7 | 3.0 | 3.6 | 4.2 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 |
| | | Max sheet roof area (m ²) 40kg/m ² | | | | | Max tile roof area (m ²) 90kg/m ² | | | | |
| 88x88 GL8 | 88x88 GL8 | 18 | 6 | - | - | - | 8 | 2 | - | - | - |
| 112x112 GL8 | 112x112 GL8 | 25 | 25 | 25 | 22 | 9 | 25 | 25 | 21 | 12 | 4 |
| 135x135 GL8 | 135x135 GL8 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 185x185 GL8 | 185x185 GL8 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

Notes:

- Unsupported post height is distance between points of attachment to roof and/or floor members.
- All values above do not include wall loads.
- Ensure length suitability for continuous span members.
- Maximum Roof Area in tables above is limited to 25m².

ROOF BATTENS

Table 7 - Roof Battens (supporting sheet roof only)

| Section size | | Roof batten spacing (mm) | | |
|--------------|----------|------------------------------|------|------|
| Rite Pine | Meypine | 600 | 900 | 1200 |
| | | Maximum continuous span (mm) | | |
| 90x42 F7 | 90x42 F7 | 1200 | 1200 | 1050 |

Notes:

- Roof battens designed to be continuous over minimum 2 spans.
- Maximum Span is limited to 1200mm.

Recommended painting specification for LOSP treated primed dressed pine

The following procedure is recommended for finishing LOSP treated timber that has been factory primed:

- Ensure the primed timber is free from any dirt, oil or grease or other surface contaminants.
- As the primer only forms part of the final painting system, do not leave exposed to weather for an extended period.
- If the substrate is showing any cracking or loss of adhesion, sand back to bare timber removing all damaged primer. Fill any cracks or holes with a substitute wood filler and once dried, lightly sand to a smooth finish.
- To test adhesion of primer to timber: cut a small "X" through the existing coating with a sharp blade. Press cellulose tape firmly across the cut and remove. If any of the existing coating comes away, it is unsound and must be removed by sanding before top coating.
- Apply a paint on preservative to post production docking or machining such as cut ends, hardware incisions and rebates.
- When using water based acrylic topcoat, apply two coats of a premium brand per label directions.
- When using an oil based topcoat, for optimum performance, firstly apply a good quality undercoat followed by two coats of a premium brand alkyd topcoat as per label directions.
- Always check top coat manufacturer recommendations for pre painted timber.

