★ Ideal for the exposed architectural look.
★ Timber specification to suit the desired look.
★ Discuss with your Fabricator for choice of finish.
★ Attached with Hexagonal head heavy screws to give that bolted look.
★ Made by licensed GANG-NAIL® fabricators only.
★ Design options available on request to MiTek New Zealand Ltd.
**WEB JOINT**

6T5 Tylok plate over apex joint.

**APEX JOINT**

65/200 Plate located centrally

90 Chord

140 Chord

2x65/200 Plates located centrally

**TOP AND BOTTOM CHORD SPLICE**

★ All web plates located centrally across joint unless otherwise noted.

★ All web plates are 65/200 type.

★ All heel plates 130/150 type unless noted otherwise.

**ALTERNATIVE APEX JOINT**

60

60

60

**CENTRE WEB JOINT**

60

**WEB JOINT**

60

**TYPICAL JOINT OPTIONS**

65/200 Type

130/150 Type

130/150 Type

90x45 Chord

10

140x45 Chord

140x45 & 90x45 Chord

**15° TRUSS**

**20° TRUSS**

**25° TRUSS**

**30° TRUSS**

**HEEL JOINT OPTIONS**

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ROOF AND CEILING OPTION 1
(Provides insulation gap)

Bottom chord bracing:
- T3/90 = 100x50 runner at mid span
- T4/140
  or = 100x50 runners at 1/3 points
- T5/140

ROOF AND CEILING OPTION 2
(No insulation gap)
### PRODUCER STATEMENT

**XPOTRUSS Selection Manual**

The selection charts and manufacturing details contained within this Manual have been designed to comply with the relevant requirements of NZS4203 and NZS3603 of the approved documents issued by the Building Industry Authority and in accordance with sound and widely accepted engineering principles.

For and on behalf of MiTek New Zealand Ltd,

David Reid  
BE(Civil), M.I.PENZ, Registered Engineer  
Date: 1 September 2002

### PRODUCT DESCRIPTION

Plating and screw options available:
- ★ Electro Galvanised
- ★ Hot Dip Galvanised
- ★ Stainless Steel type 304

### TRUSS TYPES

<table>
<thead>
<tr>
<th>Truss Type</th>
<th>Max. span (mm)</th>
<th>Max. Truss Centres (mm)</th>
<th>Load Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Light Roof</td>
<td>Heavy Roof</td>
<td></td>
</tr>
</tbody>
</table>
| XPOT3/90     | 4000         | 1200 (15° to 30° Pitch) | 900 (22.5° to 30° Pitch) | Roof weight: Light - 0.25kPa  
Heavy - 0.65kPa  
Ceiling weight: Light - 0.20kPa  
Wind Load: High (44m/s)  
Snow Load: 0.50kPa  
Earthquake: A, B or C |
| XPOT4/140 & XPOT5/140 | 8000         | 1200 (15° to 30° Pitch) | 900 (22.5° to 30° Pitch) | - |
|              | 9600         | 900 (15° to 30° Pitch) | - |

NOTE: ★ All webs 90x45