Fixings are designed to resist vertical loads only. Dead loads include roof weight and standard ceiling weight of .20kPa.

Refer to Table 8.19 NZS 3604:2011 for nailing schedule to resist lateral loads.

These fixings assume the correct choice of rafter/truss to top plate connections have been made.

For gable end walls where the adjacent rafter/truss is located within 1200mm and with a maximum verge overhang of 750mm, select stud to top plate fixing using a loaded dimension of 1.5m.

All fixings assume top plate thickness of 45mm maximum.

Wall framing arrangements under girder trusses are not covered in this schedule.

All timber selections are as per NZS 3604:2011.

For Fixing Selection Chart refer chart on reverse page.

**Note:**
To calculate the number of B type fixings required, divide the wall length by the stud centres, add 1 to this figure and locate this number of fixings as evenly as possible along the wall length. This figure includes the start and end studs in each wall length.

**LOAD DIMENSION DEFINITION**

**FIXING OPTIONS**

**FIXING TYPE A**
0.7kN

2 x 90mm x 3.15 dia. plain steel wire nails driven vertically into stud.

**FIXING TYPE B**
4.7kN

2 x 90mm x 3.15 dia. plain steel wire nails driven vertically into stud.

Choose any of the 3 options below:

- Plus LUMBERLOK 6kN Stud Anchor (CPC80)
- Plus 2 x LUMBERLOK CPC40

Recommended for internal wall options to avoid lining issues.

2 x 90mm x 3.15 dia. plain steel wire nails driven vertically into stud.

**MULTIPLE INTERNAL WALL LOADED DIMENSION**

For WALL A = \( \frac{a}{2} \)

For WALL B = \( \frac{b}{2} \)

Total Span

Supported Span

External wall

Standard truss

Internal wall

Internally supported truss

Girder truss

Supported Span

External wall

Rafter roof

Supported Span

Internal wall

Internally supported truss (overhang dimension does not apply)

Multiple internal walls (overhang dimension does not apply)

Supported Span

Girder truss

Overhang dimension does not apply

For Fixing Selection Chart refer chart on reverse page.
STUD TO TOP PLATE FIXING SCHEDULE

FIXING SELECTION CHART
(Suitable for walls supporting roof members at 600, 900 or 1200mm crs.)
Wind Zones L, M, H, VH, EH, as per NZS 3604:2011

<table>
<thead>
<tr>
<th>LOADED DIMENSIONS (M) STUD CENTRES</th>
<th>LIGHT ROOF WIND ZONE</th>
<th>HEAVY ROOF WIND ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>300MM</td>
<td>400MM</td>
<td>600MM</td>
</tr>
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<td>1.5</td>
</tr>
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<td>2.0</td>
</tr>
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</table>