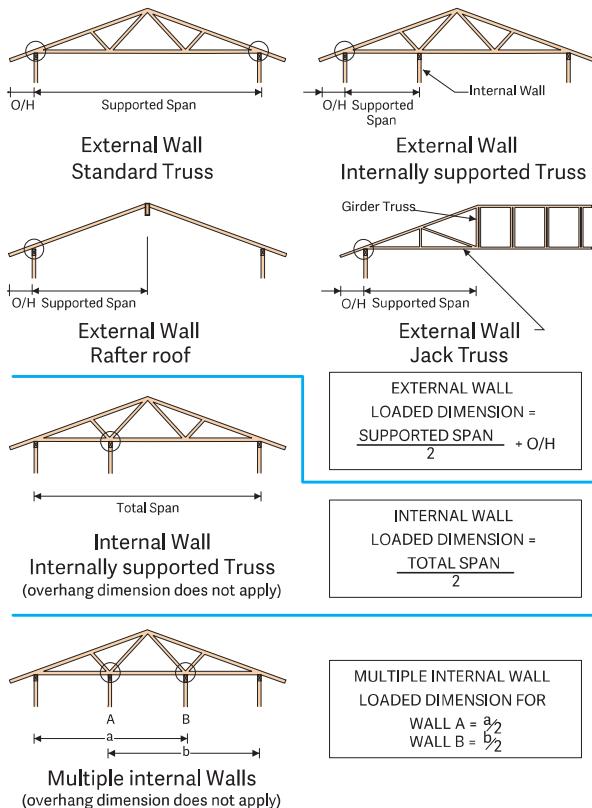


STUD TO TOP PLATE FIXING SCHEDULE ALTERNATIVE TO TABLE 8.18 NZS 3604:2011

NOTE:

- All fixings are designed to resist vertical loads only. Dead loads include the roof weight and standard ceiling weight of 0.20kPa
- 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

LOADED DIMENSION DEFINITION



FIXING SELECTION CHART

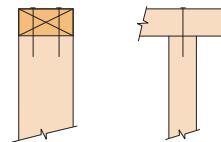
(Suitable for walls supporting roof members at 600, 900 or 1200mm ccs.)
Wind Zones L, M, H, VH, EH, as per NZS 3604:2011

| Loaded Dimension (m) Stud Centres | | | Light Roof Wind Zone | | | | | Heavy Roof Wind Zone | | | | |
|--------------------------------------|-------|-------|-------------------------|---|---|----|----|-------------------------|---|---|----|----|
| 300mm | 400mm | 600mm | L | M | H | VH | EH | L | M | H | VH | EH |
| 3.0 | 2.3 | 1.5 | A | A | B | B | B | A | A | B | B | B |
| 4.0 | 3.0 | 2.0 | A | A | B | B | B | A | A | B | B | B |
| 5.0 | 3.8 | 2.5 | A | B | B | B | B | A | A | B | B | B |
| 6.0 | 4.5 | 3.0 | A | B | B | B | B | A | A | B | B | B |
| 7.0 | 5.3 | 3.5 | A | B | B | B | B | A | A | B | B | B |
| 8.0 | 6.0 | 4.0 | A | B | B | B | B | A | A | B | B | B |
| 9.0 | 6.8 | 4.5 | B | B | B | B | B | A | A | B | B | B |
| 10.0 | 7.5 | 5.0 | B | B | B | B | B | A | A | B | B | B |
| 11.0 | 8.3 | 5.5 | B | B | B | B | B | A | A | B | B | B |
| 12.0 | 9.0 | 6.0 | B | B | B | B | B | A | A | B | B | B |

FIXING OPTIONS

**FIXING TYPE A
0.7kN**

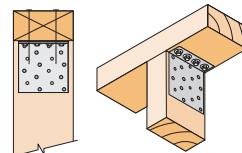
2 x 90mm x 3.15 dia. plain steel wire nails driven vertically into stud.



**FIXING TYPE B
4.7kN**

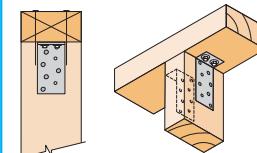
CHOOSE ANY OF THE 3 OPTIONS BELOW

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



Plus
LUMBERLOK
6kN Stud Anchor
(CPC80)

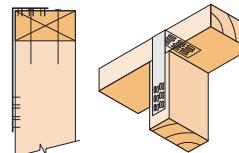
2 x 90mm x 3.15 dia. plain steel wire nails driven vertically into stud.



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.



Plus
LUMBERLOK
Stud Strap
(one face only)

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.