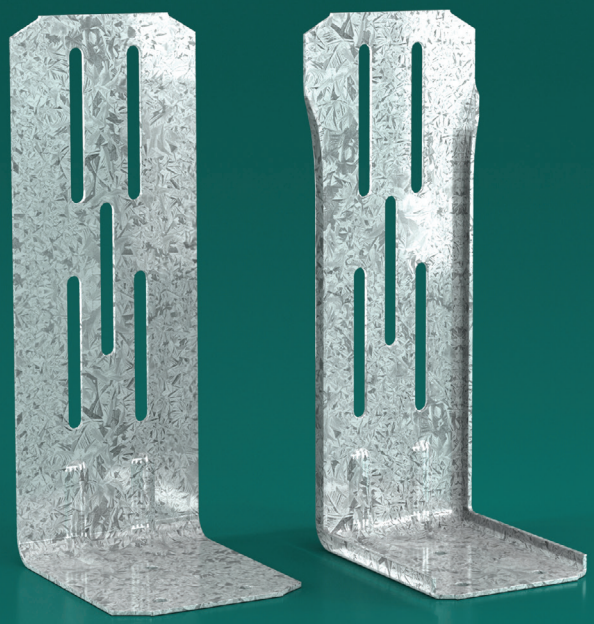
Multinail
Internal Wall Bracket



Pre-punched and formed galvanised steel brackets used to secure internal walls to roof trusses.

Benefits of the Internal Wall Bracket

These pre-punched and formed galvanised steel brackets:

- Designed to restrict the lateral movement of non-load-bearing walls while allowing vertical deformation of the roof truss without transferring vertical loads to the wall
- Two profile options available
- Made in Australia

MULTINAIL™

Personalised. Local. Progressive.

Installation

The Multinail Internal Wall Bracket is typically used in applications where internal non-load-bearing walls are fixed to parallel or perpendicular roof trusses.

To effectively restrain lateral movement of internal non-load-bearing walls without transferring vertical loads, the Internal Wall Bracket shall be installed in accordance with the following instructions:

1. Fix to the wall top plate with 3/30mm x 2.8Ø Multinail nails
2. Fix to truss bottom chord or nogging with 3/30mm x 2.8Ø Multinail nails to the middle or near the top of the slot on the Internal Wall Bracket. Allow approximately a 3mm gap between the nail head and bracket to accommodate vertical deformation of the truss above
3. Fix the Internal Wall Bracket at every second truss, or at a maximum of 1800mm centres

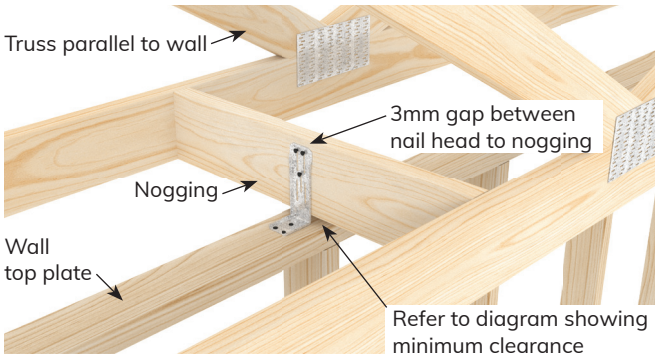


Figure 1: Internal Wall Bracket connected internal non-load-bearing wall to parallel roof trusses

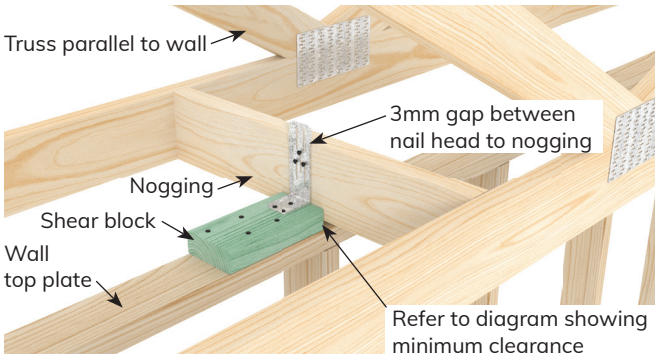


Figure 2: Internal Wall Bracket connected internal non-load-bearing bracing wall to parallel roof trusses

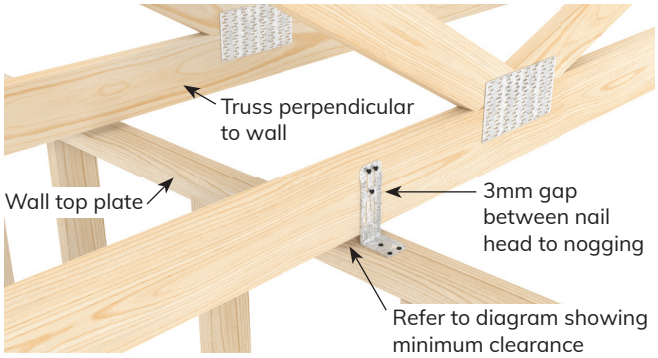


Figure 3: Internal Wall Bracket connected internal non-load-bearing wall to perpendicular roof trusses

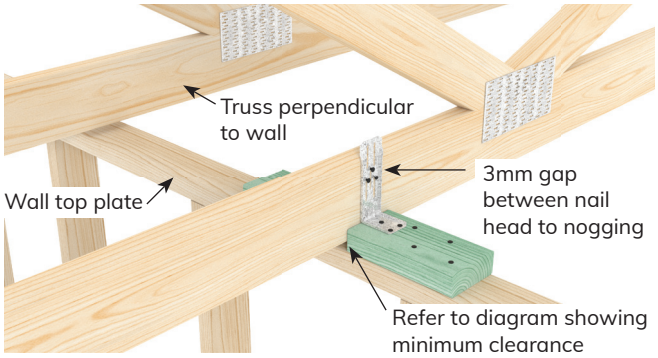


Figure 4: Internal Wall Bracket connected internal non-load-bearing bracing wall to perpendicular roof trusses

Notes:

- DO NOT fully drive the nails into the roof truss or nogging, as this would restrict vertical movement of the truss
- Pneumatic fixings are prohibited for fixing the Internal Wall Bracket to truss bottom chord or noggings
- The position of the nails within the slots shall be checked after the roof has been loaded, as cumulative truss deflection can occur, particularly at girder-to-girder connection locations
- Fix block pieces or noggings to the wall top plate in accordance with the AS 1684 series requirements

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Fixing and Minimum Clearance

Minimum clearance requirements must be followed to allow for vertical truss movement.

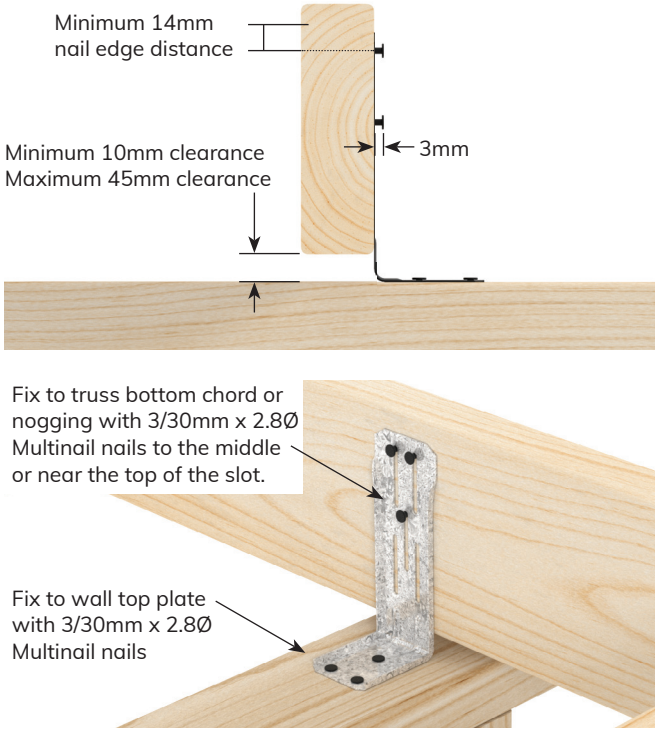


Figure 5: Fixing and minimum clearance at truss to internal non-load-bearing wall location

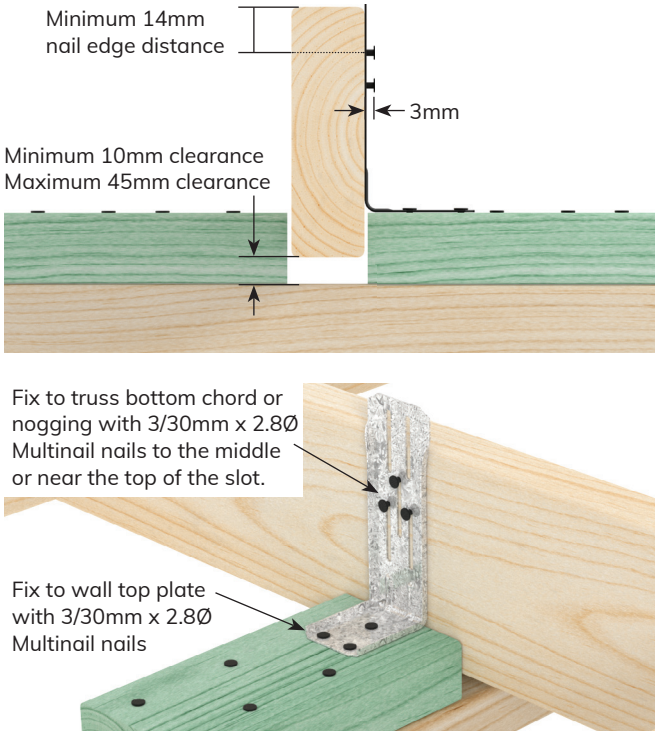
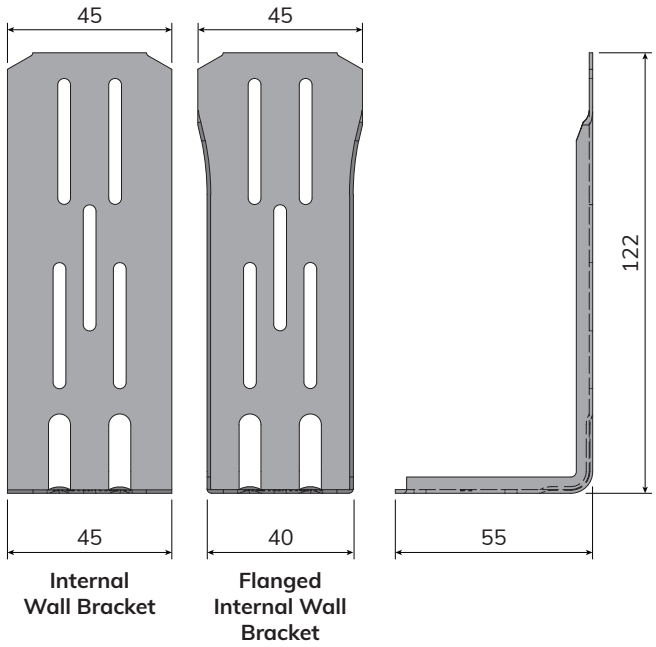


Figure 6: Fixing and minimum clearance at truss to internal non-load-bearing bracing wall location

Note:
Pneumatic fixings are prohibited for fixing the Internal Wall Bracket to truss bottom chord or noggings

Technical Specifications

Steel	G300 Steel, Z275, 1mm Thickness



Description and Packing

Product Code	Description	Carton Qty	Pallet Qty	Carton kg.
TA310	122 x 45 x 55mm	100	64	5.5
TA010	122 x 45 x 55mm	300	48	16.5
TA010W	122 x 45 x 55mm	12000	1	660.0
FWB100	122 x 45 x 55mm	100	64	5.5
FWB300	122 x 45 x 55mm	300	40	16.5
FWBP	122 x 45 x 55mm	12000	1	660.0

Fixings	
TA302	30mm x 2.8Ø Multinail Nails

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