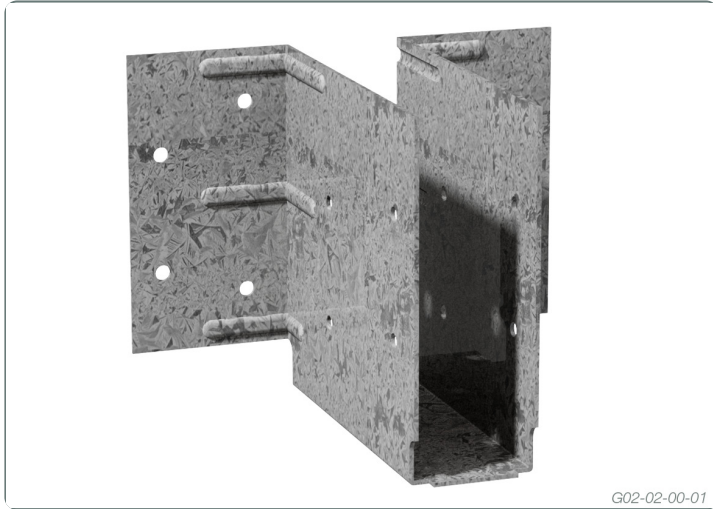


Easy Fix Girder Bracket



Steel girder brackets for easy fixing of timber roof trusses or rafters to timber girder trusses or timber beams - without the need for bolts, nuts or washers

These pre-punched and formed galvanised steel girder brackets are:

Ideal for supporting timber roof trusses or rafters without the need for additional bracing.

Available in two sizes - 40mm to suit 35 or 38mm timber thickness, and 50mm to suit 45 or 47mm timber thickness.

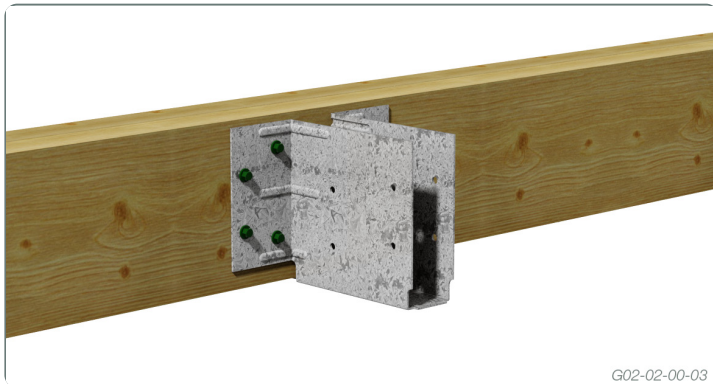
APPLICATION

Mark on the girder bottom chord (120mm minimum) the location of all girder brackets and hangers.

Position the Easy Fix Girder Bracket against the bottom of the girder bottom chord and apply Green Tip #12 screw.

Green Tip #12 screw must be applied until the underside of the screw head is against the Girder Bracket.

Do Not overtighten the screws or use power drills that are too powerful for the job as this may damage the timber, screws and or bracket.

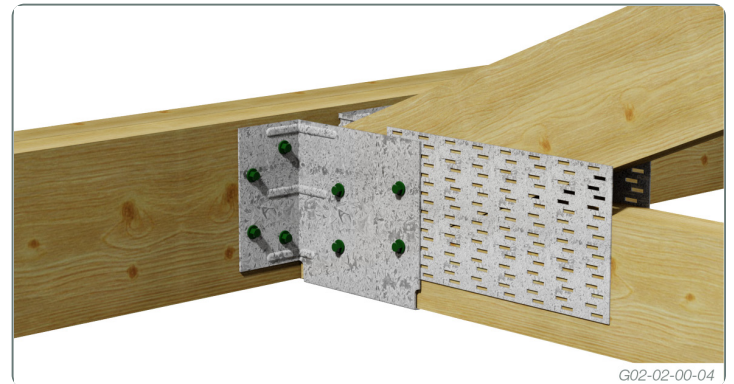


Step 1

Fix 8/35mm Green Tip #12 (4 per wing) to the girder truss.

Double Truss - Use 65mm Green Tip #12 screw to double 35/45mm girders.

Triple Truss - Use 65mm Green Tip #12 screw as above and 2/100mm Black Tip #14 screws each side of bracket.



Step 2

Fix 8/35mm Green Tip #12 screws (4 per side) to the supported truss to ensure that the uplift and anti-rotation features of the Girder Bracket are maintained.

NOTES:

- The Easy Fix Girder Bracket is only provided with a structural adequacy certificate when used with Green Tip #12 screw.
- Roof provides diagrams and details of the Girder Bracket type and positioning.
- For Hardwood bottom chords, pre-drilling holes is required.

SCREW DETAILS

- Multinail recommends the use of roofing screw drivers to fix screws.
- Green Tip #12 screw self drill through 1mm plates.
- It is recommended that the Green Tip #12 screws are applied in one action.
- Supported truss to be hard into girder truss.
- All screws to be inserted prior to roof truss being loaded to avoid rotation.

LIMIT STATE DESIGN CAPACITIES

	Dead Load	Dead Load +Live Load	Dead Load + Wind Load
J2/JD3	10.0kN	13.5kN	24.0kN
J3/JD4	8.6kN	11.8kN	17.3kN
J4/JD5	6.2kN	8.3kN	12.3kN

NOTES: The uplift in capacities are derived from AS1720-2010 and are for houses where failure is unlikely to affect an area greater than 25m². For primary elements in structures other than houses or elements in a house for which failure would be greater than 25m² these capacities must be multiplied by 0.94. For primary joints in essential services or post disaster buildings multiply by 0.88.

DESCRIPTION AND PACKAGING

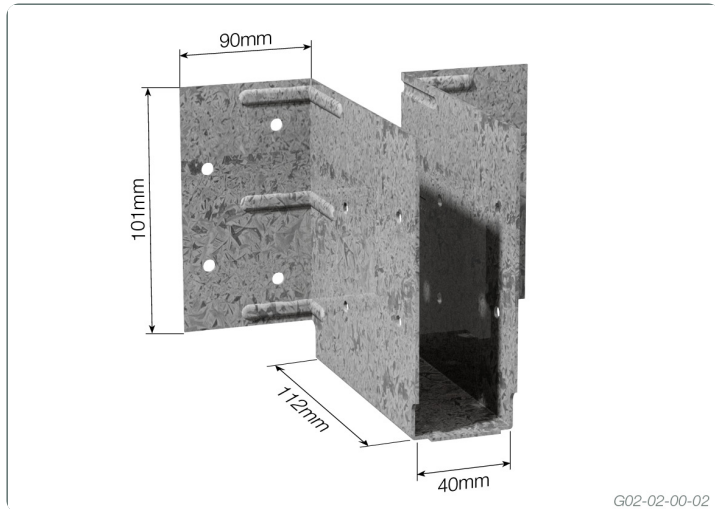
Manufactured from 1.5mm Galvanised G300 Z275 Steel

Description	Product Code	Reference Code	Carton quantity	Carton kg.
40mm GB	TA225	EFGBT40	24	13.0
50mm GB	TA226	EFGBT50	24	13.0
40mm GB No Tab	TA225W	EFGBW40	24	13.0

Note: Must order appropriate quantity of Green Tip #12

35mm Green Tip #12 Screw (TA221), 65mm Green Tip #12 Screw (TA222)

100mm Black Tip #14 Screw (TA237)



Due to continual product improvement Multinail Australia Pty Ltd. reserves the right to change the product/s depicted - both in description and specification. This document has to be read in conjunction with Multinail's Technical Manual.