Roof Bracing

G01-02-00-01

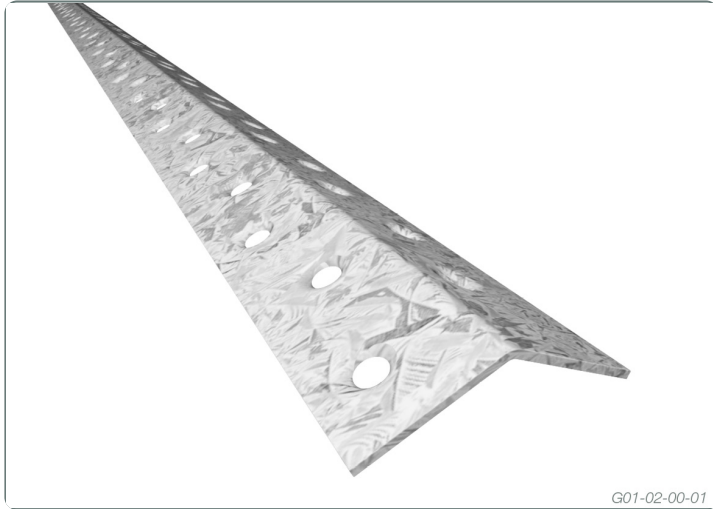**Pre-punched and formed galvanised steel tension bracing system designed to brace roof trusses and wall frames.**
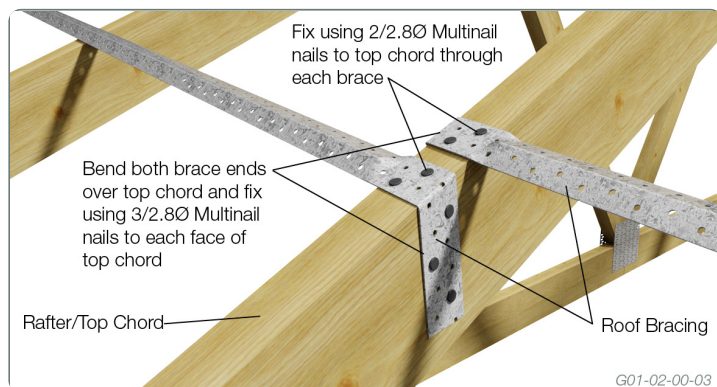
This pre-punched and formed galvanised steel brace:
Is applied to the truss or wall frame producing a quick and simple fixing.
Requires no turn buckle or tensioning device.
Ideal for use in all wind speeds including cyclonic areas.

APPLICATION

Roof bracing is a pre-punched 'V' shaped component that fixes in an 'X' or 'V' pattern to the top of the top chord to firmly brace roof trusses to the building frame.
Roof bracing must be applied in opposing directions, with the number, location and tie-down of bracing units to be determined as described in the relevant Standard.
Roof trusses are braced using Roof Bracing to prevent buckling or rotation of trusses when affected by winds or heavy loads.
Both the span of the roof and the shape of the roof determine the layout of the Roof Bracing.
Refer to Multinail's 'The Guide', AS4440 or AS1684 for more information on bracing requirements and special fixing details e.g. half trusses, cantilevers etc.
Roof Bracing can also be used as wall bracing. For information on Wall Bracing, refer to Multinail's Product Brochure or AS1684.
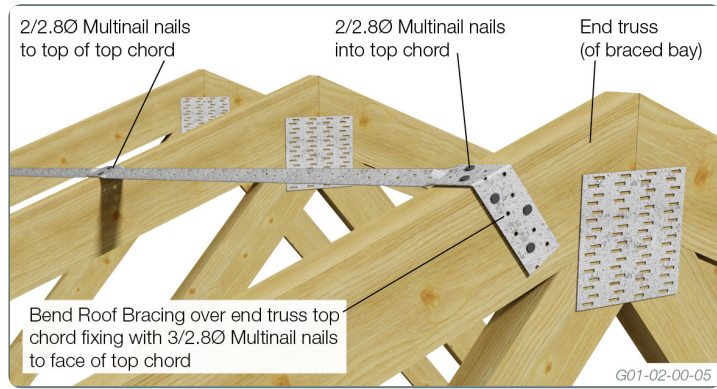

Splicing Detail

Fix using 2/2.8Ø Multinail nails to top chord through each brace

Bend both brace ends over top chord and fix using 3/2.8Ø Multinail nails to each face of top chord

Rafter/Top Chord

Roof Bracing

G01-02-00-03

Heel End Fixing Detail

Bend Roof Bracing around side of top plate and under plate fixing with 2/2.8Ø Multinail nails to side and three nails to under top plate, making certain nails are no closer than 10mm near edge of timber

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End Fixing Detail

2/2.8Ø Multinail nails to top of top chord

2/2.8Ø Multinail nails into top chord

End truss (of braced bay)

Bend Roof Bracing over end truss top chord fixing with 3/2.8Ø Multinail nails to face of top chord

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DESIGN LOADS

Size(mm)	Tension Capacity (kN)
36 x 1.0	8.4

DESCRIPTION AND PACKAGING

Manufactured from 36mm x 1.0mm Galvanised G300 Z275 Steel

Description	Product Code	Reference Code	Carton quantity	Carton kg.
3.0m	TA0688	RB3000	8	6.6
3.6m	TA0818	RB3600	8	7.9
4.0m	TA0808	RB4000	8	8.8
4.2m	TA0798	RB4200	8	10.5
4.8m	TA0838	RB4800	8	10.5
5.0m	TA0788	RB5000	8	11.0
5.4m	TA0778	RB5400	8	11.8
6.0m	TA0768	RB6000	8	13.0
30mm x 2.8Ø Multinail Nails (TA302)				

18 mm

Length

G01-02-00-02