

ENGINEERED BUILDING PRODUCTS

TRIP-L-GRIP



creating the **advantage**



THE DEPENDABLE TIMBER FRAMING ANCHOR

APPLICATION:

The Trip-L-Grip has been developed as an economical connecting unit to simplify structural jointing in timber roof, wall, ceiling and floor framing. Trip-L-Grips are pre-bent for fast application.

USES

- Trip-L-Grips are the strongest and most economical anchorage for timber joints.

ADVANTAGES

- Built-in locator nail for attaching to member before nailing.
- Trip-L-Grips are available in left (TGL) and right (TGR) hand configurations. (See Figure 1)

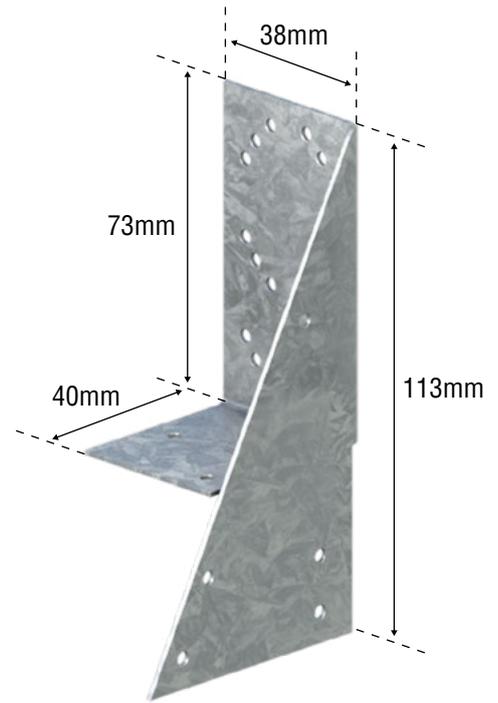
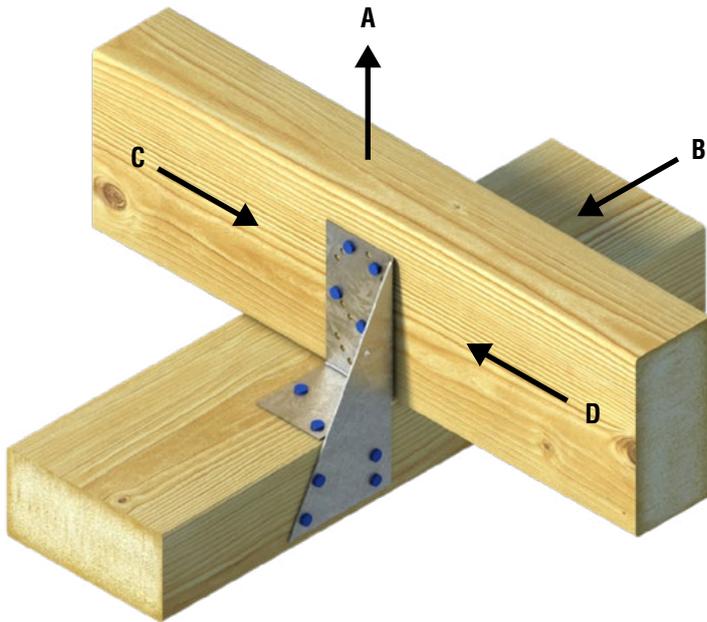
SPECIFICATIONS:

Steel Grade	G300
Thickness (Total Coated)	1.0mm
Galvanized Coating	Z275
Nails	MiTek 30 x 2.8mm hot dipped galvanized reinforced head.
Product Code	TGL or TGR

This Engineered Building Product complies with the National Construction Code Series and Australian Standards.

TRIP-L-GRIP - LOAD DATA

LOAD DIRECTION



LOAD DATA

Limit State Design Capacity (kN)										
Load Direction	Joint Group									
	Load Case	J2	J3	J4	J5	J6	JD3	JD4	JD5	JD6
A	DL Only	2.1	1.6	1.1	0.9	0.6	2.1	1.6	1.3	1.0
	DL + WL	4.3	3.1	2.3	1.7	1.3	4.3	3.1	2.6	1.9
B	DL Only	3.1	2.3	1.7	1.3	1.0	3.1	2.3	1.9	1.4
	DL + WL	6.3	4.6	3.4	2.6	1.9	6.3	4.6	3.7	2.8
C / D	DL Only	2.1	1.6	1.1	0.9	0.6	2.1	1.6	1.3	1.0
	DL + WL	3.9	3.0	2.3	1.7	1.3	3.6	2.5	1.9	1.4

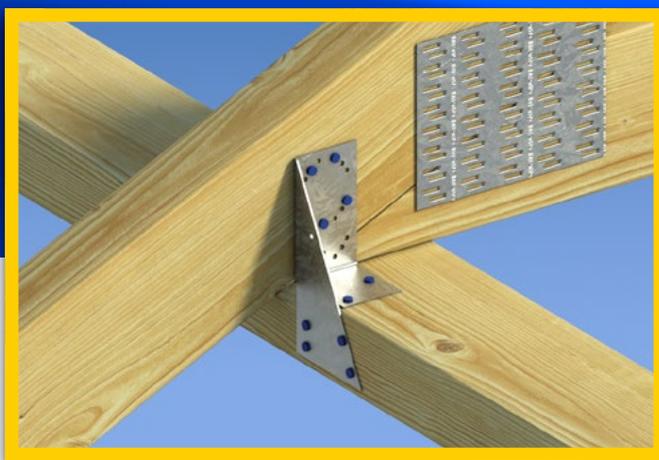


Figure 1



Values in this table incorporate the Category 1 capacity factor (ϕ) for houses. For other categories, multiply the design capacities by the following factors. Refer to AS1720.1 for a full definition of each category.

Category	1	2	3
Adjustment factor	1.00	0.94	0.88

INSTALLATION

1. Fix 10 MiTek 30 x 2.8mm hot dipped galvanized reinforced head nails in positions shown.

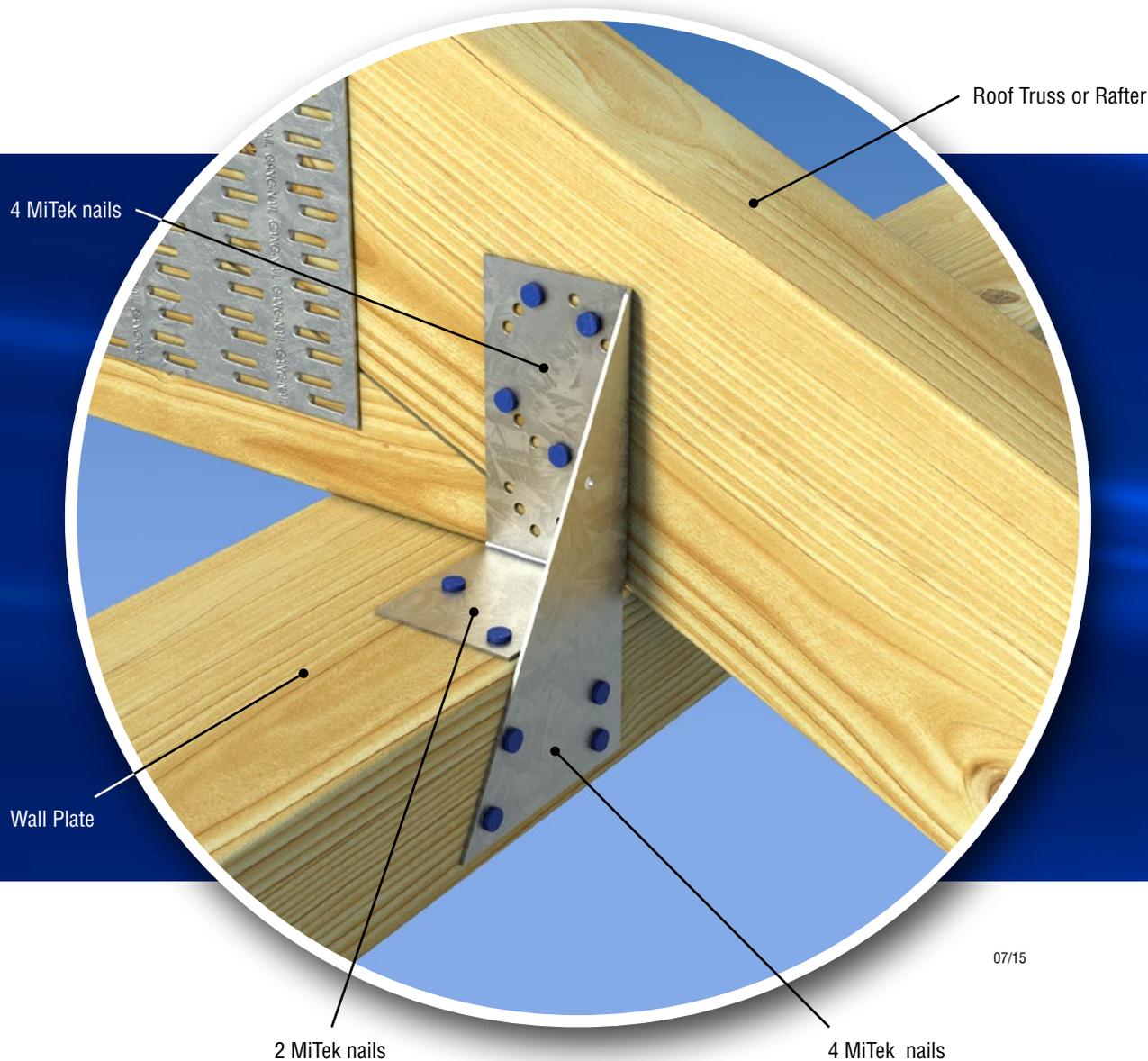
DESIGN LOADS

When fixed as shown the design capacities in different directions are given in the Table over.

AS1684 COMPLIANCE

Trip-L-Grip complies as a framing anchor and the corresponding alternative uplift capacities in AS1684 may be used in designs within the confines of this standard.

Figure 2



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For more information about MiTek's Engineered Building Products or any other MiTek products or your nearest licensed MiTek fabricator, please call your local state office or visit: mitek.com.au

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