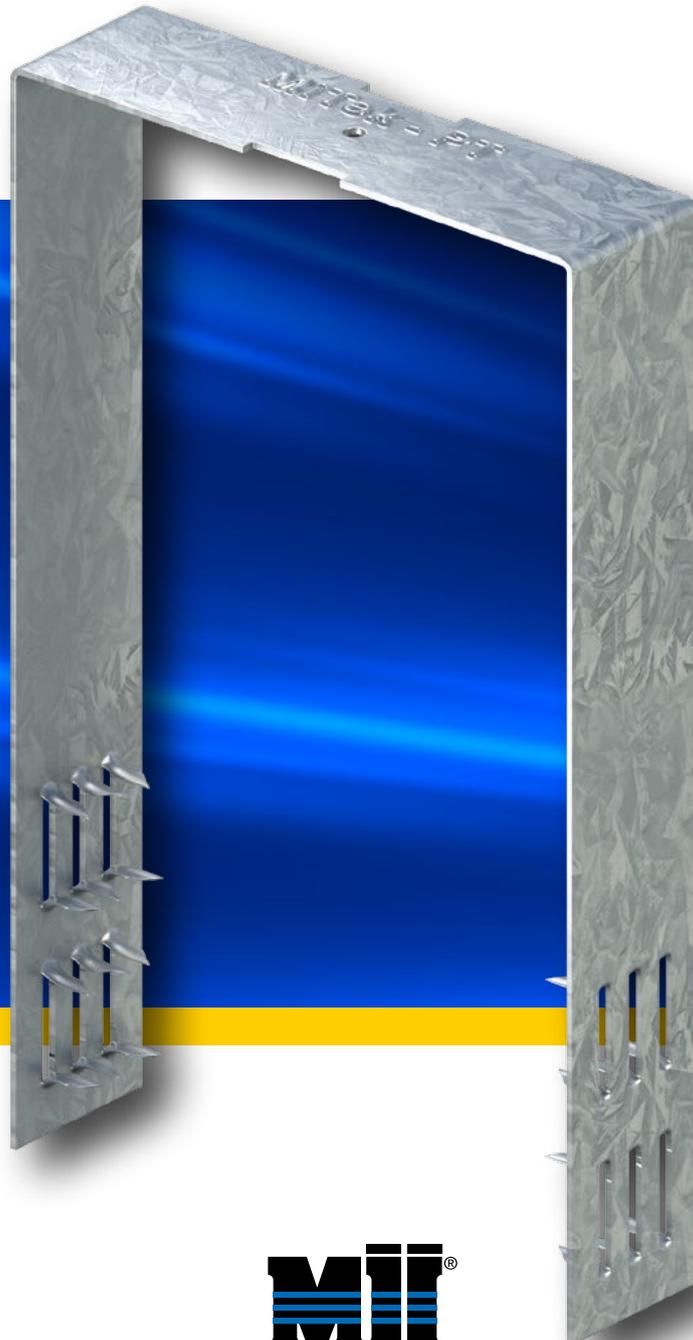


ENGINEERED BUILDING PRODUCTS

PLATE TIE



creating the **advantage**



FAST AND EFFECTIVE WAY OF ANCHORING TIMBER WALL PLATES TO STUDS

APPLICATION:

PlateTies are available pre-formed to suit 70mm and 90mm plate widths or Universal for other plate widths.

USES

- PlateTies are used to secure top and bottom timber wall plates to studs in high wind areas.

ADVANTAGES

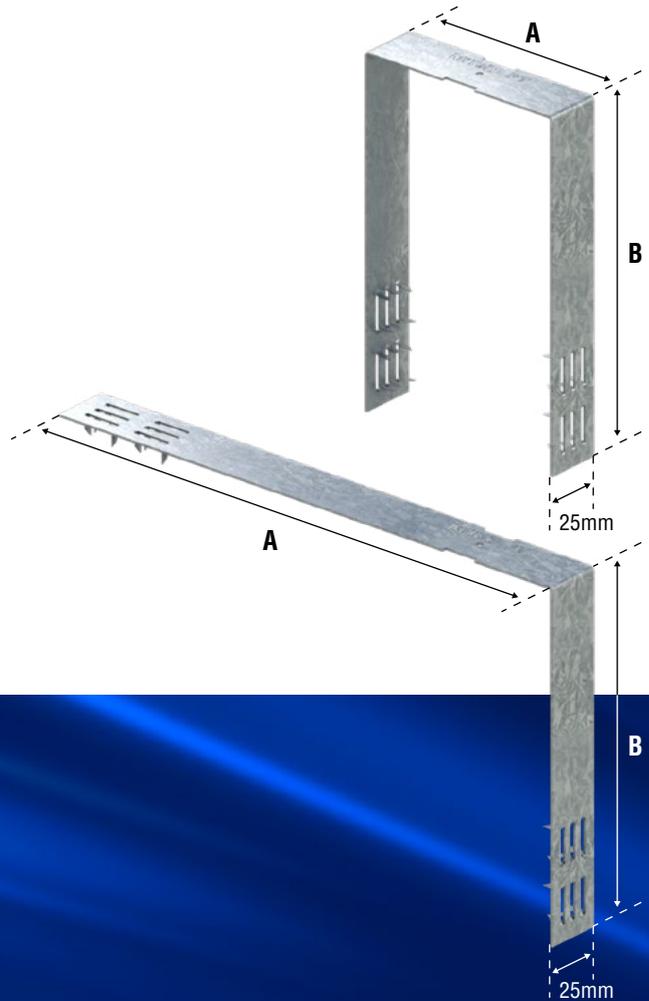
- PlateTies can also be used to secure studs in braced panels to comply with Type B bracing specifications.
- As PlateTies have integral teeth, they are very quick to apply and have consistent performance, as nails cannot be inadvertently left out.
- Pre-formed ties ensure tight fit and tight bends, making it easier to fit internal linings.

SPECIFICATIONS:

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

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

PLATE TIE - LOAD DATA



Product Code	Plate Type	Size A	Size B	Wall Plate Size
PT407	400 x 70 Pre-bent	70mm	162mm	70mm wide
PT409	400 x 90 Pre-bent	90mm	152mm	90mm wide
PT30	300 Universal	188mm	117mm	70mm wide
PT40	400 Universal	242mm	152mm	90-100mm wide

Limit State Design Capacity in Wind Uplift (kN)						
Joint Group	J2	J3	J4	JD3	JD4	JD5
All Sizes	8.3	8.3	7.0	8.3	8.3	7.0

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.

Design capacities have been obtained from laboratory testing and procedures given in AS1720.1.

Category	1	2	3
Adjustment factor	1.00	0.94	0.88

PLATE TIE - INSTALLATION

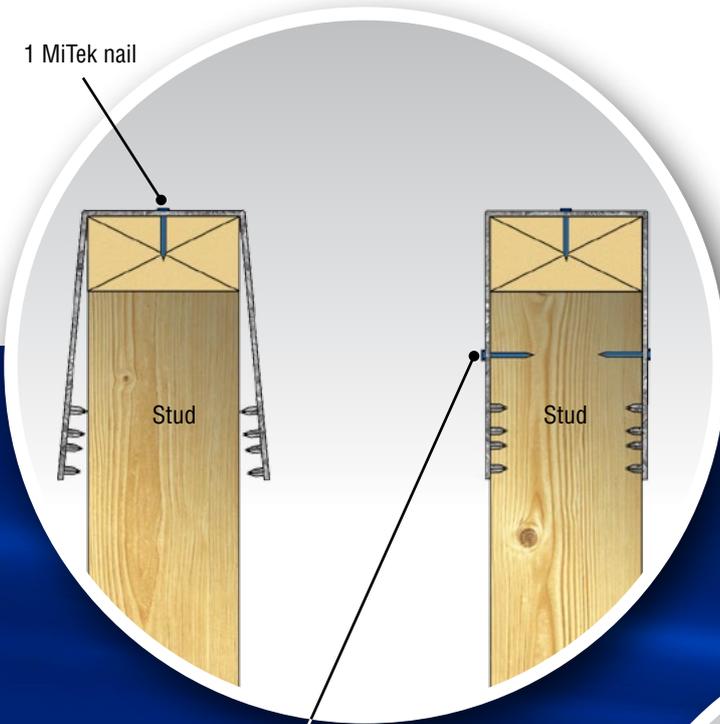
Pre-formed Type:

1. Place PlateTie over wall plate and stud. Nail to wall plate with one MiTek 30 x 2.8mm hot dipped galvanized reinforced head nail to hold tie in position.
2. Hammer pre-formed teeth into side of timber wall stud with hard blow from a broad face hammer.

Universal Type:

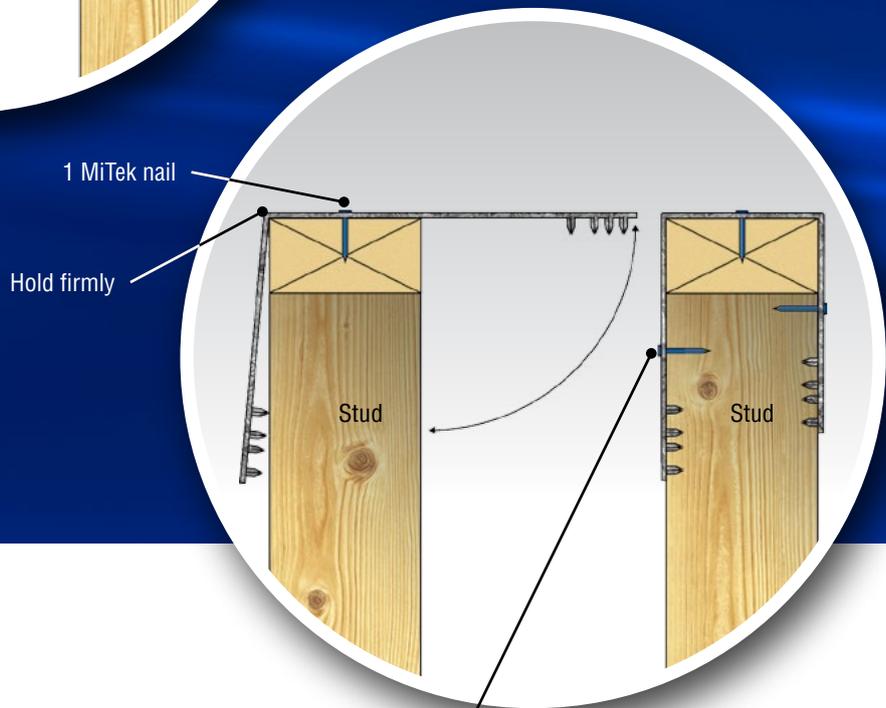
1. Hold PlateTie firmly against the side and face of wall plate with the long leg across the plate. Fasten to wall plate with one MiTek 30 x 2.8mm hot dipped galvanized reinforced head nail as shown.
2. Drive pre-formed teeth into stud, then bend outstanding leg around plate. Once a tight bend has been achieved, drive remaining pre-formed teeth into the other side of the stud.

Pre-formed



Supplementary
MiTek nails optional

Universal



Supplementary
MiTek nails optional

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



PT 07/15

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