BUILDING PRODUCT

Folding Internal Wall Bracket

COMING SOON

Patent Pending

FAST, SIMPLE CONNECTION FOR INTERNAL WALLS TO ROOF TRUSSES

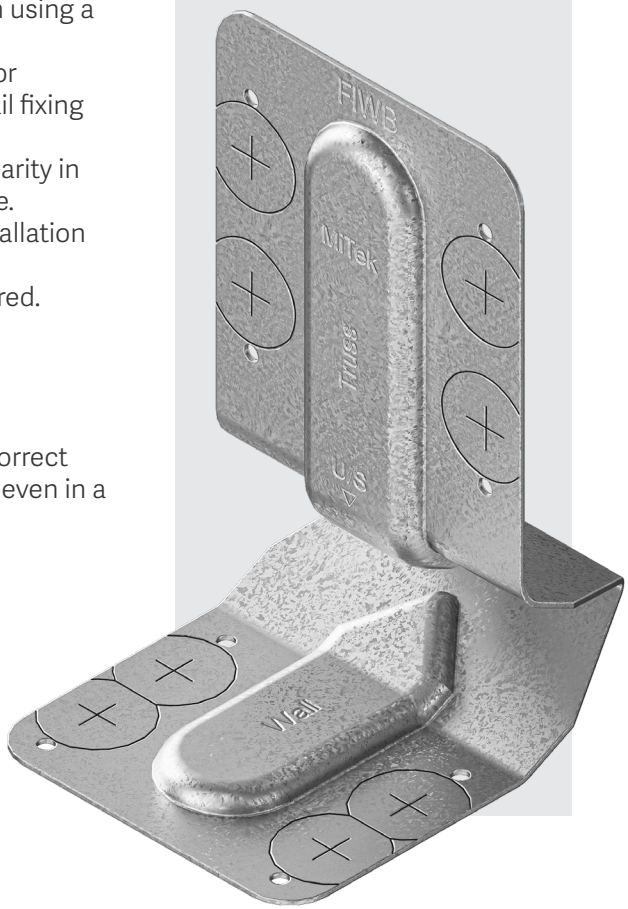


The MiTek Folding Internal Wall Bracket (FIWB) provides a simple and efficient method of connecting internal non-load bearing, non-bracing walls to roof trusses.

Designed for fast installation, the FIWB requires no drilling and can be fixed using standard nails and MSA1430, helping simplify installation on site.

ADVANTAGES

- **Fast pneumatic fixing** – compatible with standard pneumatic nail fixing compliant with AS 2334, enabling fast and efficient installation using a nail gun.
- **Fixing flexibility** – can be installed using MiTek Blue RH Nails or MiTek MSA1430 self tapping screws or standard pneumatic nail fixing compliant with AS 2334 to suit the application.
- **Target rings for easy fixing** – prominent target rings provide clarity in nail placement and make pneumatic fixing simple and intuitive.
- **No drilling required** – simple nail or screw helps speed up installation on site.
- **Simple, accurate installation** – no guide or special tools required.
- **No moving parts** – helps eliminate potential squeaking at the connection.
- **Easy to inspect for compliance** – simple, visible fixing makes compliance checks quick and straightforward.
- **Easy to replace if required** – in the highly unlikely event of incorrect placement, the bracket can be readily accessed and replaced, even in a fully lined building.



FIT-FOR-PURPOSE USE

The FIWB is designed to:

- Restrain internal non-load bearing and non-bracing walls against roof truss chords where the maximum clearance between the bottom face of the truss chord and the top face of the wall top plate is **35mm.**
- Allow effective roof truss deflection relative to the wall frame of **+0 mm / -20mm.**
- Be used in domestic construction up to **N4 wind rating or C2 wind classification.**
- Be used in conjunction with **cornice or a plasterboard lining channel** at the wall-to-roof junction.

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IMPORTANT INSTALLATION CONDITIONS

- When FIWB is used to connect walls to roof trusses, **no nominal bracing contribution should be assumed** from plasterboard-lined walls, whether lined on one or both faces.
- FIWB **must** be used in conjunction with cornice or a plasterboard lining channel at the wall-to-roof junction.
- FIWB **must not** be used with suspended or dropped ceilings.
- Maximum clearance between the bottom face of the truss chord and top face of the wall top plate is **35mm.**

PRODUCT SPECIFICATIONS

Specification	FIWB
Steel Grade	G300
Thickness – total coated	1.0mm
Galvanised Coating	Z275
Fixings – Nails or Screws	MiTek RN 30×2.8mm blue galvanized reinforced-head nails, or MiTek MSA1430 self tapping screws, or 32×2.5mm diameter AS 2334-compliant helical twist-shank hardened galvanized pneumatically driven nails

GENERAL INSTALLATION

Position

Position the FIWB in the gap between the bottom face of the roof truss chord and the top face of the wall top plate. Squeeze or stretch the bracket as necessary to suit the gap. **Maximum clearance must not exceed 35mm.**

Fix

Fasten the FIWB to the wall top plate and roof truss bottom chord using four nails through the designated holes or target rings. As an alternative, install two screws per flange in the holes nearest the fold, ensuring the screws are not located at the extreme top or bottom edge of the flange.

Corrosion Resistance

For durability and corrosion resistance information, refer to **Corrosion Resistance of MiTek Metal Connectors**, available from the MiTek website.

Important

The FIWB must be installed in accordance with MiTek requirements and the applicable project documentation.

Hammer MiTek RN 30x2.8mm blue galvanised reinforced head nails into the holes.



Drive 32×2.5mm AS 2334-compliant hardened galvanised twist-shank nails into target rings.



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