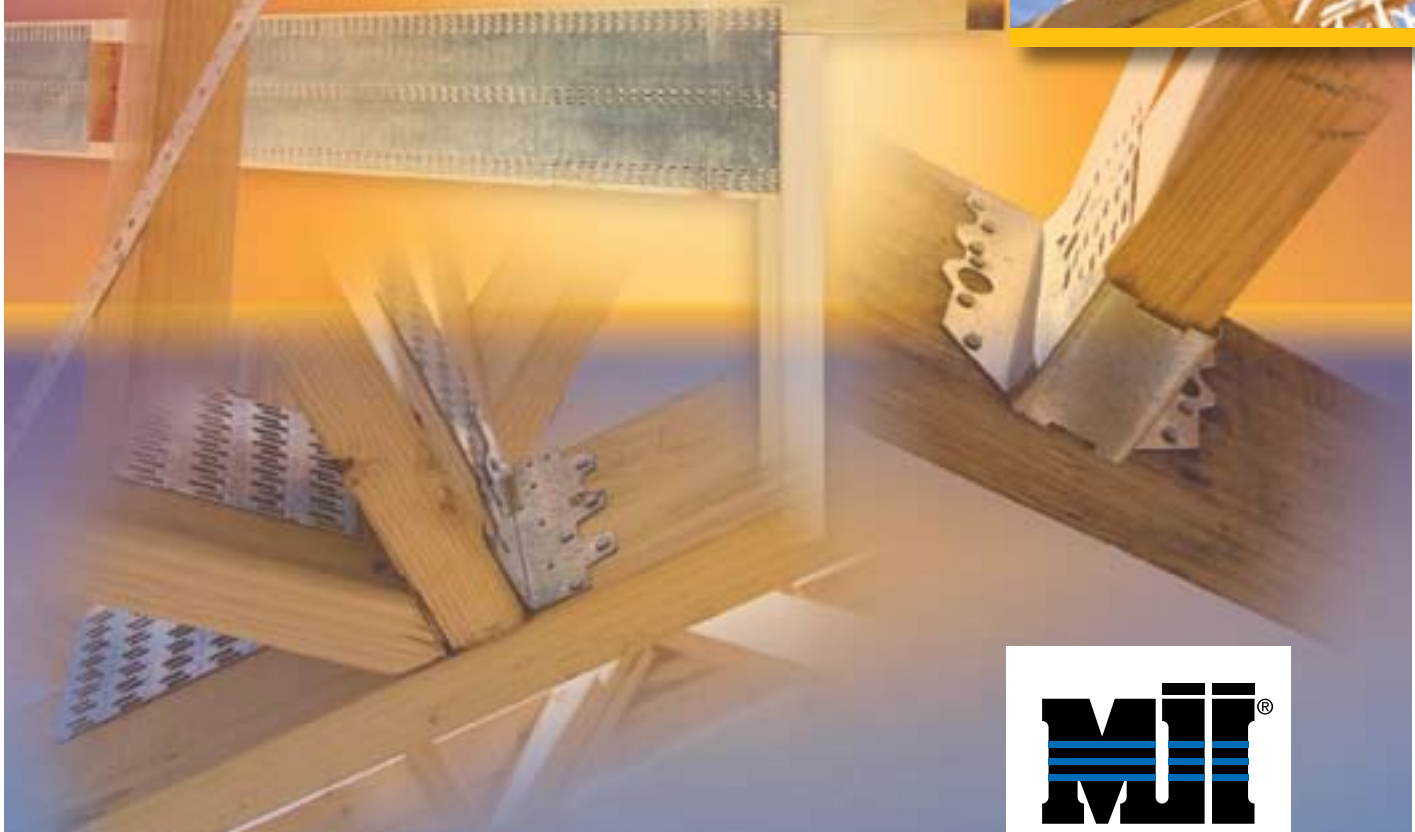
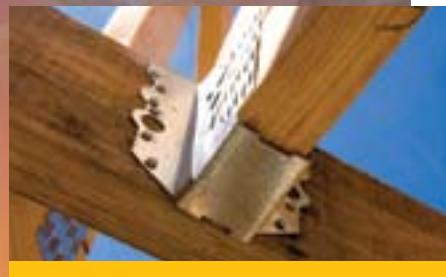


MiTek
ENGINEERED
Building
products...



HOME OF **GANG-NAIL** BUILDING SYSTEMS



creating the **advantage**

ROOF TIE DOWN PRODUCTS

BattenTie - galvanized steel timber connectors utilising integral teeth for roof security under extreme wind conditions. Batten Ties are a quick and effective method of anchoring battens to rafters or trusses.



CreeperConnector - connects jack trusses to hip trusses. They can also connect small span half or cut-off trusses to boomerang girder trusses. Creeper Connectors conform with AS4440 requirements.



CycloneTie - used to secure purlins, rafters and trusses to top plates in areas subject to cyclonic and high wind loading. Available in 400mm, 600mm, 900mm and 1200mm lengths.



JoistStrap - used to fix ceiling joists to hanging beams, rafters to beams or floor joists to bearers.



MiniGrip™ - brackets can be used where timber is joined at right angles and nominal loads are expected. Ideal for pergolas, timber railing, decorative fences, etc.



MultiGrip™ - brackets are a versatile low cost framing anchor which can be bent on-site to form a two or three dimensional fixing for countless timber connections.



Trip-L-Grip* & Universal Trip-L-Grip - there are a variety of Trip-L-Grips, all designed to simplify the joining of timber in roof, wall, ceiling and floor members. TLGs provide a structurally engineered joint.



TrussGrip™ - fasteners are a very quick and effective way of anchoring trusses to top plates. They are manufactured as left and right hand and are marked 'L' and 'R' respectively.



BRACING PRODUCTS

MaxiBrace™ (Size: 20 X 18 X 1.2mm) – is a high strength cold formed steel angle section, designed to brace timber framed walls in domestic construction. MaxiBrace™ is effective both as a compression or tension bracing system conforming with AS1684 Type A single bracing unit.



MiniBrace (Size: 18 X 16 X 1.2mm) – a cold formed steel angle section, designed to brace timber framed walls in domestic construction conforming with AS1684 Type A double bracing unit.



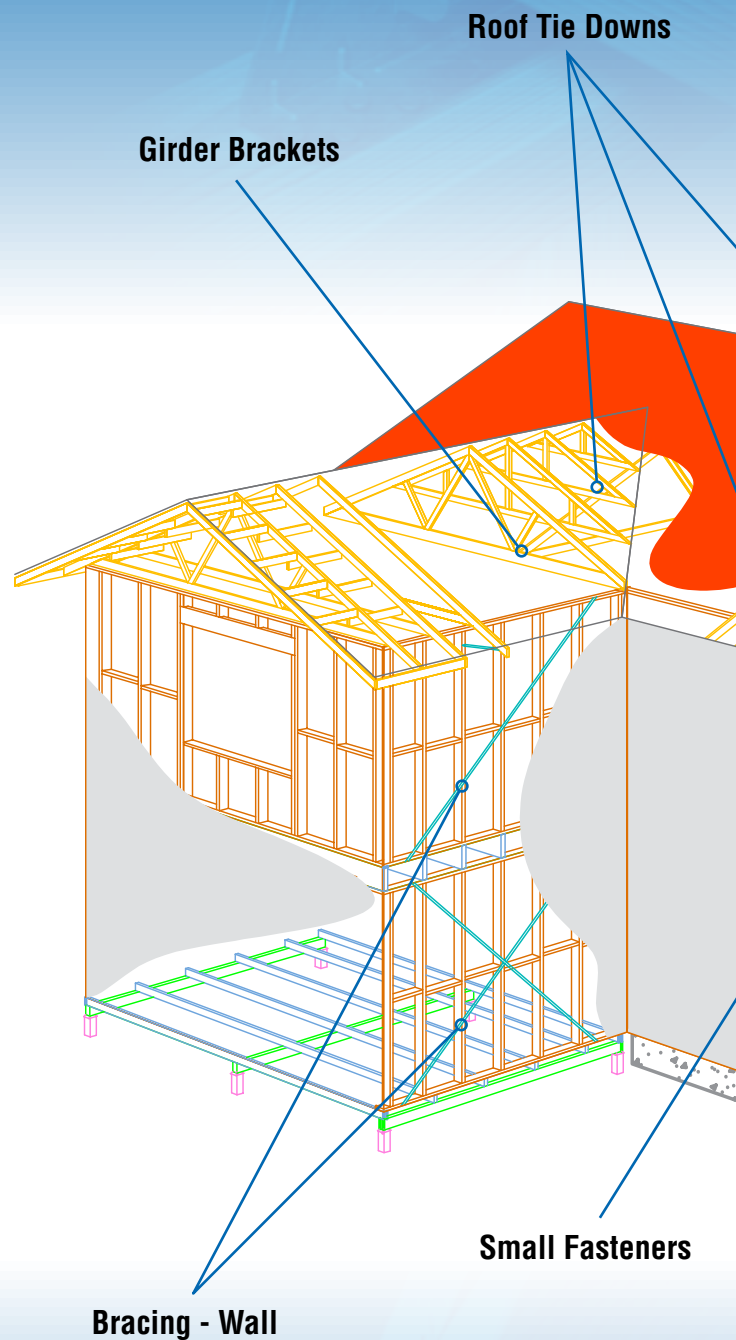
SpeedBrace - for bracing roof trusses and wall frames in both low wind speed and cyclonic areas. No tensioning required.

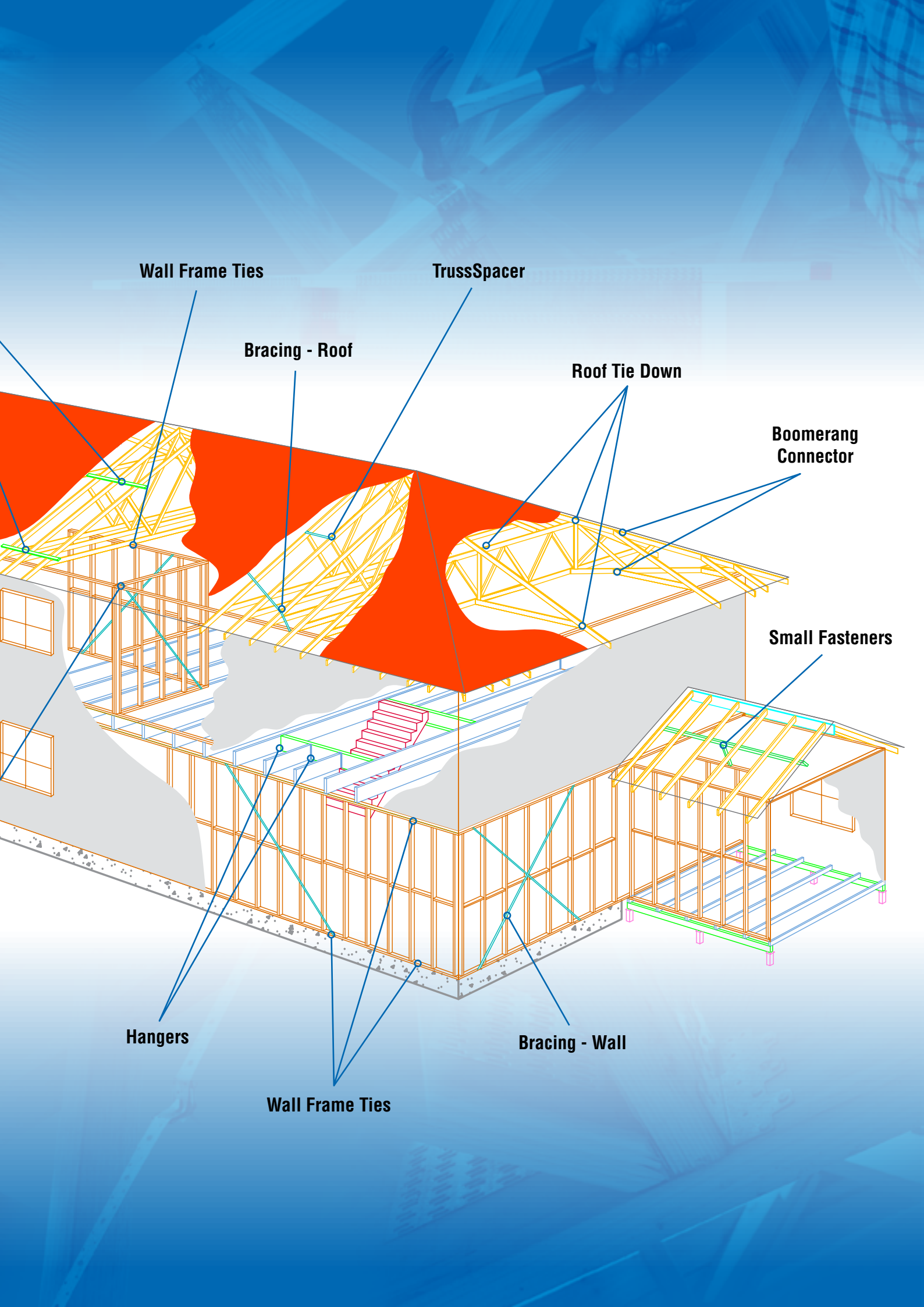


Structural BracingStrap - suitable for a wide range of bracing applications where a guaranteed performance is essential. Structural BracingStrap is ideal for fastening timber framed walls to bracing panels to supporting structures.



TrussSpacer - a fast, accurate method of spacing and temporarily bracing roof trusses during installation. TrussSpacers speed up truss installation and improve on site safety.





Wall Frame Ties

TrussSpacer

Bracing - Roof

Roof Tie Down

Boomerang Connector

Small Fasteners

Hangers

Bracing - Wall

Wall Frame Ties

GIRDER BRACKETS

BearingPlate - to improve the crushing resistance of wall plates under heavily loaded trusses.



Boomerang Connector - used in truss-to-truss connections where the truss meets at an irregular angle. One size fits both left hand & right hand truss intersections.



FastFit Mk III GirderBracket - easily fix standard trusses to the side of girder truss bottom chords, using either self tapping screws or alternatively M12 bolts. With the addition of washers and supplementary screws they are suitable to restrain large uplift loads experienced in cyclonic areas.



FastFit MkIV Girder Bracket - designed to connect heavily loaded trusses to girder trusses or beams with either self tapping MiTek screws or M12 bolts. It is also able to resist very high uplift loads.



Mk II GirderBracket - Girder Brackets fix trusses to the bottom chord of girder trusses or to the face of beams. An integral tongue prevents rotation of girder truss bottom chord when trusses are loaded.



Universal MidLoad, HiLoad & Boomerang GirderBracket - designed to secure heavily loaded trusses like truncated girders and secondary trusses, to primary girder trusses.



SMALL FASTENERS

ConnectorPlate - a quick simple, economical and easy to use method of joining timber plates normally joined by more time consuming conventional methods. Designed to enable a chisel to pull two members tightly together.



FoilFasteners - quick and easy way of fixing foil insulation products to timber structures. Large surface area gives a superior hold compared with staples or clouts.



MiniNail - suitable for light timber connections. MiniNail is ideal for fixing flywire screens, cupboards and frames etc.



NailonPlate - ideal for many applications, including framing for formwork and house frames, joining wall frames at top plate level, manufacture of trusses, gates and fences and repairs to timber structures.



Nails, Screws, Bolts & Washers - MiTek supply a large range of Nails, Screws, Washers and Bolts designed and engineered for use with MiTek Building Products.



StrapNail - versatile fasteners with integral teeth for use where one timber member is to be butted against another eg: joining timber wall frames, bay window frames, cupboards and benches.



TylokPlate - used extensively for joining timber wall frames, and can be used to manufacture roof trusses. TylokPlates do not require special pressing equipment.



HANGERS

I-BeamHanger Face & Top Fix - an effective method of fixing timber I-Beams to timber and steel supporting beams. Available in a wide range of sizes.



JoistHanger - a simple but effective way to fasten PosiStrut floor trusses and roof trusses to the face of beams and girders. Also a quick and efficient method to fix timber pergolas to existing timber or steel fascia boards.



45 Degree JoistHanger - connects supported members at a 45 degree angle. Also provides a wrap-around fixing option.



SplitHanger - versatile hangers that provide a strong connection for various timber beam widths to supporting beams.



UniLedger - provides a seat to support floor joists at an angle to floor beams. Also used to support hipend trusses in small poly end roofs.



WALL FRAME TIES

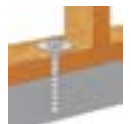
BraceWall Bracket - developed to connect the ceiling diaphragm to the top of non-loadbearing walls and enables the lateral loads to be distributed into bracing walls in accordance with AS1684.



InternalWall Bracket - used to fasten the top of internal non load bearing walls to trusses. InternalWall Brackets are designed to restrain walls while allowing the truss to clear span.



Masonry Anchor - The Titen HD is a high strength self tapping screw anchor used to secure braced wall frames to concrete slabs. Ideal for situations where frames are located on the edge of the slab, precluding the use of expanding masonry anchors.



PlateTie - used to secure top and bottom plates to studs in high wind areas. They can also be used to secure studs in braced panels to comply with Type B bracing specifications.



Structural TieDown Strap - a fast, effective method of securing many building components. Also ideal for fastening rafters to top plates, top plates to studs, or purlins to rafters.



StudStrap - designed to secure top and bottom plates to studs in high wind areas. They can be fixed to the outside of stud wall frames, providing an even internal surface for plastering and can also be used in braced panels to comply with Type A and B bracing specifications.



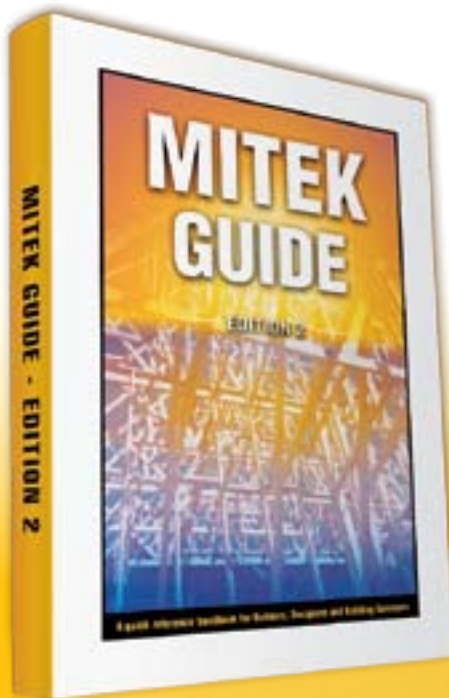
WallStrap - a fast and easy method for the fastening of wall plates to frames in prefabricated timber walls. Designed to be used with pneumatically driven nails, Wall Straps need only be fixed to one side of the frame, avoiding the need to turn the frame over.



Stainless Steel - MiTek also have a large range of building products in stainless steel for use in highly corrosive areas.

THE MITEK GUIDE - Edition 2

Your On-Site Insight To Engineered Building Products!



Re-work, required by building authorities, is a major threat to builders using the wrong or under-rated product. When using timber connectors or bracing on-site it is important to use the right product for the right job. Anything else could severely compromise the safety and stability of the building being erected.

The comprehensive MiTek GUIDE takes the guesswork out of selecting the right on-site fixing and bracing solutions. Designed as a quick reference handbook, the MiTek GUIDE will assist in the interpretation of Australian Standards AS1684.2 'Residential Timber-Framed Construction' and AS4440, 'Installation of nail plated roof trusses.' It will also help users choose the right fasteners and bracing products to comply with these standards.

Plus, should a query be raised at a later date, you know you can call on MiTek's vast library of technical data sheets and the advice from our experienced structural engineers to support your work.

The MiTek GUIDE is available from all MiTek fabricators or downloadable from: www.mitek.com.au

Don't risk it; get your MiTek GUIDE today!

ADVANTAGES

- Easy to use
- Instant reference guide
- Colour-coded format
- Ideal on-site tool

Pages in the MiTek GUIDE are colour-coded and include detailed product by product illustrations for easy, accurate reference. The MiTek GUIDE is available as a (A5 pocket-size) printed booklet, on CD or downloadable from the website. In electronic format, it also contains product data sheets and detailed product drawings, all hyper-linked for easy navigation. So if you need more information about a particular product, its applications, installation instructions, technical drawings... even load-bearing capacity, the MiTek GUIDE is your handy, go-to reference point.



AN ENGINEERED SOLUTION IS ALWAYS THE BEST SOLUTION

When using timber connectors on-site, especially load-bearing hangers & brackets, it pays to use the right product for the right job. Anything else could severely compromise the safety and stability of the building. With more severe penalties and a more stringent OH&S system it simply doesn't make sense to take unnecessary risks...sometimes all for the sake of a few dollars. So before you use a building product make sure it has passed these tests:

- ✓ **ENGINEERED BUILDING PRODUCT**
- ✓ **PURPOSE-MADE FOR SPECIFIC TASKS**
- ✓ **RIGOROUSLY TESTED**
- ✓ **MEET AUSTRALIAN STANDARDS**

MiTek have a huge range of engineered building products, made to answer specific on-site needs. All are designed and engineered to meet the individual requirements of each particular job. This is especially important when it comes to ensuring load-bearing requirements are met. All of MiTek's engineered building products are rigorously tested and retested to ensure they pass and in most cases, exceed Australian Standards.

Licensed MiTek fabricators can offer the builder or developer an all-of-house solution. They can be your one-stop-shop for all your prefabrication needs, including everything from roof trusses and wall frames right through to flooring and engineered building products! Don't take risks; don't take short cuts – because odds are, one day you might lose! Insist on MiTek engineered & tested building products.

“Taking short-cuts or using cheap, alternative products (not backed by proper engineering) usually ends up costing more...especially when installing trusses and frames. It only takes one call-back or one building inspector to ask for engineering data on brackets or bracing products to off-set a year's savings made on cheap alternatives. Using engineered products, fully supported by their manufacturers, is very inexpensive insurance. There's an engineered product for every job, so it doesn't pay to cut corners.”

Robert Tan
Manager Technical Services
MiTek Australia Ltd.



For more information about timber trusses or any of the products listed in this brochure or your nearest licensed MiTek fabricator, please call your local MiTek state office or visit our website.

MITEK STATE OFFICES

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