

AN ENGINEERED SOLUTION IS ALWAYS THE BEST SOLUTION



These days there are so many different building products available...most are perfectly OK, however some are downright dangerous. 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 dollar or two. Whilst there are some rather questionable 'generic' products finding their way onto Australian building sites there are a few very reputable building product manufacturers and suppliers who can offer the builder the peace-of-mind that goes with engineered products.

MiTek have a huge range of engineered building products, made to answer specific on-site needs. All are designed, engineered and manufactured to ISO9001 Standards. This is especially important when it comes to ensuring the safety and long lasting structural integrity of any building. Why would any builder adopt a 'she'll be right' attitude when they can have a 'spot-on' solution? 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 floor trusses 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."

John Tadich
MiTek Technical Services Manager

ADVANTAGES

- Designed and Engineered to meet Australian standards
- Guaranteed Quality to ISO 9001
- Manufactured for specific load-bearing applications

For more information about MiTek's Engineered Building Products in this brochure or your nearest licensed MiTek fabricator, please call your local MiTek state office.

VIC (03) 8795 8888

NSW (02) 8525 8000

QLD (07) 3268 1666

SA (08) 8234 1326

WA (08) 9411 2845

NZ (09) 274 7109

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or visit: www.mitek.com.au

YOUR LOCAL MiTek FABRICATOR:



creating the **advantage**



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ROOF TIE DOWN PRODUCTS



JOIST STRAP – used as a means of fixing ceiling joists to hanging beams, rafters to beams or floor joists to bearers.

TRIP-L-GRIPS* & UNIVERSAL TRIP-L-GRIPS –

there are a variety of Trip-L-Grips, all designed to simplify the joining of timber in roof, wall, ceiling and floor members. TLG's provide a structurally engineered joint.



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.



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.

CYCLONE TIE – 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.



BATTEN TIE – 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.

CREEPER CONNECTOR – designed to connect jack trusses to hip trusses. They may also be used to connect small span half or cut-off trusses to boomerang girder trusses. Creeper Connectors conform with AS4440 requirements.



BRACING PRODUCTS



SPEEDBRACE™ – is designed for bracing roof trusses and wall frames in both low wind speed and cyclonic areas. No tensioning required.

MAXIBRACE (SIZE 22 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.

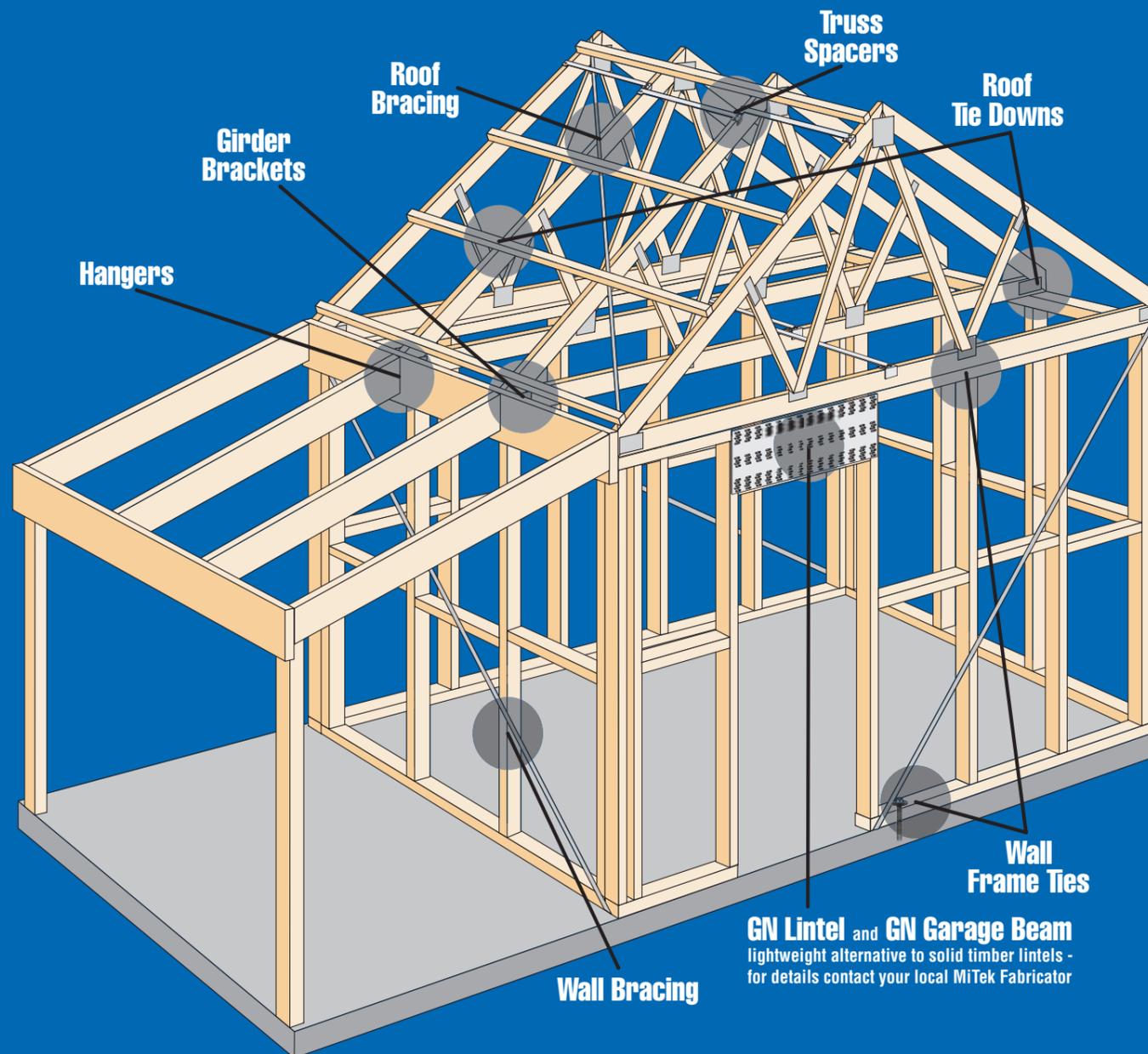


MINIBRACE (SIZE 16 X 18 X 1.2MM)™ – is a cold formed steel angle section, designed to brace timber framed walls in domestic construction conforming with AS1684 Type A double bracing unit.

STRUCTURAL BRACING STRAP – suitable for a wide range of bracing applications where a guaranteed performance is essential. Structural Bracing Strap is ideal for fastening timber framed walls to bracing panels to supporting structures.



TRUSS SPACER – provides a fast and accurate method for the spacing and temporary bracing of roof trusses during installation. Truss Spacers speed up truss installation and improve on site safety.



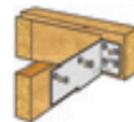
Stainless Steel – MiTek also have a large range of building products in stainless steel for use in highly corrosive areas.

GIRDER BRACKETS



MK II GIRDER BRACKET – Girder Brackets are designed to 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.

FAST FIT MKIII GIRDER BRACKET – designed to 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.



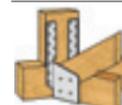
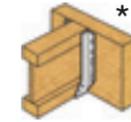
UNIVERSAL MID-LOAD, HI-LOAD* & BOOMERANG GIRDER BRACKET – designed to secure heavily loaded trusses like truncated girders and secondary trusses, to primary girder trusses.

HANGERS



JOIST HANGERS – provide a simple but effective way to fasten PosiStrut floor trusses and roof trusses to the face of beams and girders. A quick and efficient method to fix timber pergolas to existing timber or steel fascia boards.

I-BEAM HANGER FACE* & TOP FIX – developed to provide an effective method of fixing timber I-Beams to timber and steel supporting beams. Available in a wide range of sizes including Heavy Duty and variable angle applications.



45 DEGREE JOIST HANGER – designed to connect 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.



WALL FRAME TIES



INTERNAL WALL BRACKET – used to fasten the top of internal non load bearing walls to trusses. Internal Wall Brackets are designed to restrain walls while allowing the truss to clear span.

STUD STRAP – 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.



WALL STRAP – 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.

PLATE TIE – used to secure top and bottom plates to studs in high wind areas. Plate Ties can also be used to secure studs in braced panels to comply with Type B bracing specifications.



TIE DOWN STRAP – Structural Tie Down Strap is a fast effective method of securing many building components, and is ideal for fastening rafters to top plates, top plates to studs, or purlins to rafters.

TITEN HD – 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.

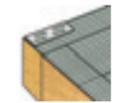


SMALL FASTENERS



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

SHADECLOTH FASTENERS – provide the best method of securing shade cloth quickly and easily. The teeth are designed to pass freely through the holes in the shade knit leaving the cloth free from tears.



MININAIL – suitable for light timber connections. Mininail is ideal for fixing flywire screens, cupboards and frames etc.

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.



NAIL-ON-PLATE – 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.

CONNECTOR PLATE – 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.



TYLOK PLATE™ – used extensively for joining timber wall frames, and can be used to manufacture roof trusses. Tylok™ Plates do not require special pressing equipment.

NAILS, SCREWS, BOLTS AND WASHERS – MiTek supply a range of Nails, Screws, Washers and Bolts designed and engineered for use with MiTek Building Products.

