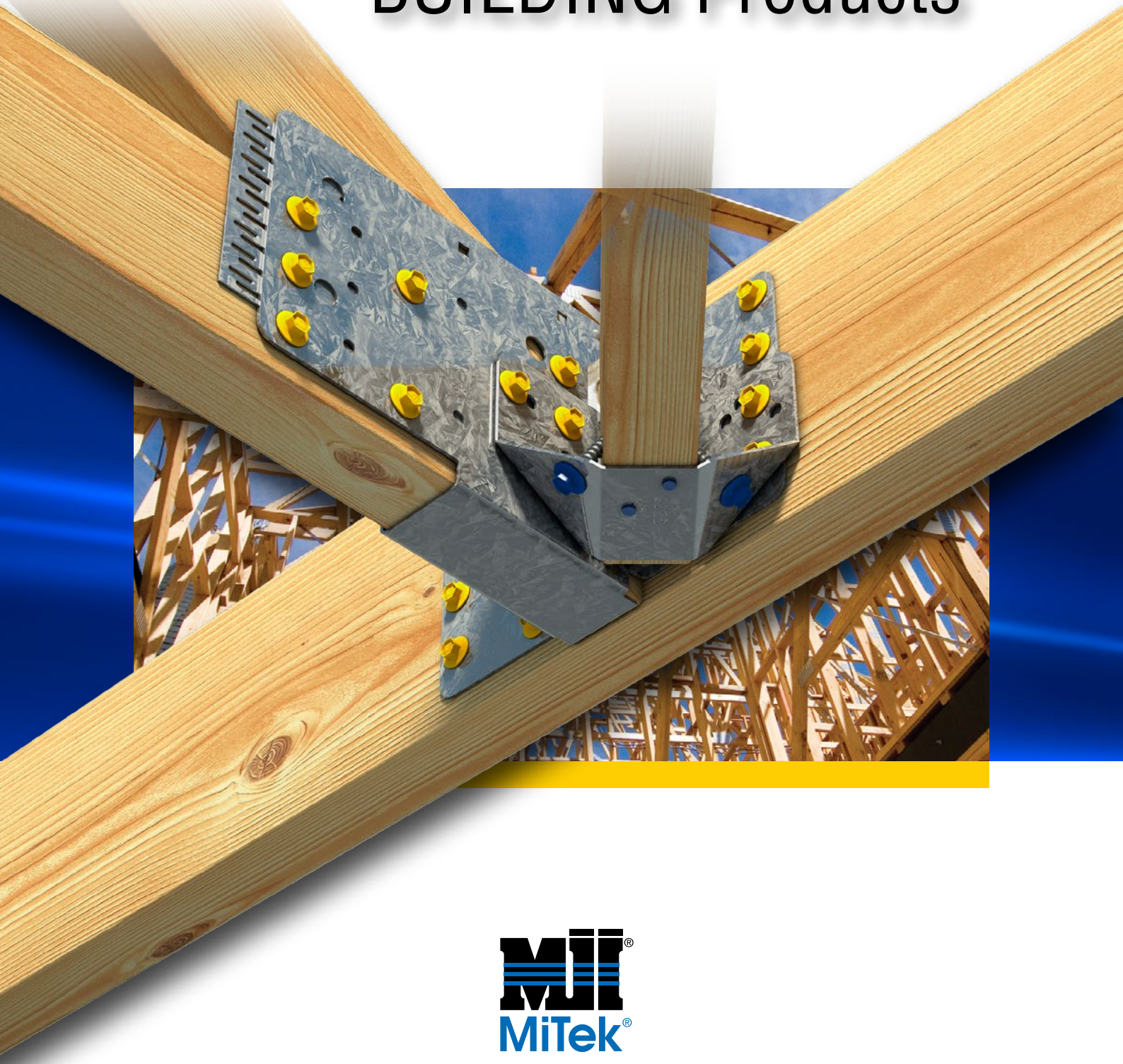


ENGINEERED BUILDING PRODUCTS

MiTek
ENGINEERED
BUILDING Products



creating the **advantage**



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. MiTek has 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. All of MiTek's engineered building products are rigorously tested and retested to ensure they pass, and in most cases, exceed Australian Standards.

MITEK ENGINEERED BUILDING PRODUCTS:

- are purpose-made for specific tasks
- are rigorously tested
- are easy to install
- meet or 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!

MiTek Engineered Building Products have been designed and manufactured in accordance with ISO 9001 and they meet all the requirements of the National Construction Code Series and Australian Standards.



ROOF TIE DOWN PRODUCTS

BATTENTIE

BattenTies are a quick and effective method of anchoring battens to rafters or trusses for roof security under extreme wind conditions.



BLOCKFAST

BlockFast straps are used to tie down roof trusses to bond beams in masonry walls to resist very high uplift. They are easier and faster to fix than heavy steel cleats.



CONCEALED PURLIN CLEAT

Concealed Purlin Cleats provide a fast, easy, hidden method of anchoring purlins, rafters and trusses to the top of supports. They're also used for fixing timber plates on top of block walls.



CREEPERCONNECTOR

CreeperConnectors join jack trusses to hip trusses. They can also connect small span half or cut-off trusses to boomerang girder trusses. CreeperConnectors conform with AS4440 requirements.



CYCLONE TIE

CycloneTies are 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.

Available in stainless steel.



JOISTSTRAP

JoistStraps are used to fix ceiling joists to hanging beams, rafters to beams or floor joists to bearers. It has a built-in locator nail for attaching to a member before nailing.



MINIGRIP™

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™

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

Trip-L-Grips (available in a variety of configurations) are designed to simplify the joining of timber in roof, wall, ceiling and floor members. TLGs provide a structurally engineered joint.



TRUSSGRIP™

TrussGrips™ 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.



UNIVERSAL TRIP-L-GRIP

Universal Trip-L-Grip has been developed as an economical connector to simplify structural jointing in timber roof, wall, ceiling and floor framing.

Available in stainless steel.



BRACING PRODUCTS

MAXIBRACE™

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



MINIBRACE

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



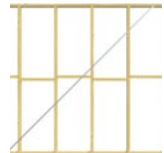
SPEEDBRACE

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



STRUCTURAL BRACINGSTRAP

Structural BracingStrap is suitable for a wide range of bracing applications where a guaranteed performance is essential. It is ideal for bracing timber framed walls where braces cannot be cut into the studs.



TENSIONER

Tensioners are used to pre-tension structural bracing straps after they have been installed on bracing wall panels according to AS1684.



TRUSSPACER

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



SMALL FASTENERS

ANTI SPLIT PLATES

AntiSplit Plates can be used on the end of cross arms or poles to prevent strength reducing splits.



PERGOLA BRACKET

Pergola Brackets are a simple and economical concealed bracket for fixing rafters and pergola beams.



FOIL FASTENERS

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



SHUNT PLATE

ShuntPlates are suitable for insulator, brace or pole fastening points including round timber poles and the tops of chamfered cross arms.



MINI NAIL

MiniNails are suitable for light timber connections and ideal for fixing flywire screens, cupboards and frames etc.



STAIR TREAD BRACKET

The Stair Tread Bracket is for use in structurally-sound staircase framing. It eliminates costly conventional notching and speeds up installation.



NAILS, SCREWS, BOLTS & WASHERS*

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

Nails available in stainless steel.



STRAP NAIL

StrapNails are 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.



NAILON PLATE

NailonPlates are 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.

Available in stainless steel.



TYLOK PLATE

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



*For guaranteed results use only MiTek Nails, Screws, Bolts & Washers with MiTek Engineered Building Products.

HANGERS

45° JOIST HANGER

The 45 Degree JoistHanger connects supported members at a 45 degree angle. They also provide a wrap-around fixing option.



JOIST HANGER

JoistHangers are a simple and effective way to fasten joists, PosiStrut floor trusses and roof trusses to the face of joists, beams and girders. They can also be used for fixing timber pergolas to fascia boards.

Available in stainless steel.



I-BEAM HANGER FACE FIX

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



SPLIT HANGER

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



I-BEAM HANGER TOP FIX

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



UNI LEDGER

The UniLedger provides a seat to support floor joists at an angle to floor beams. They are also used to support hip end trusses in small poly end roofs.



GIRDER BRACKETS

BEARINGPLATE

BearingPlates will improve the crushing resistance of wall plates under heavily loaded trusses.



BOOMERANG CONNECTOR

Boomerang Connectors are 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 MkIII GIRDER BRACKET

FastFit MkIII Girder Brackets are designed to fix standard trusses to the side of girder truss bottom chords, using either MiTek MSA screws or M12 bolts. The addition of washers and supplementary screws make them suitable to restrain high uplift loads in cyclonic areas.



FASTFIT MkIV GIRDER BRACKET

FastFit MkIV Girder Brackets are 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.



HIP GIRDER BRACKET

Hip Girder Brackets assist in the fixing of a hip truss or rafter to a girder truss bottom chord and is used in conjunction with MiTek FastFit MkIII (GB340) and MiTek FastFit MkIV (GB440/475) girder brackets.



UNIVERSAL MIDLOAD, HILOAD & BOOMERANG GIRDER BRACKETS

Universal Girder Brackets are designed to secure heavily loaded trusses like truncated girders and secondary trusses, to primary girder trusses.



UNIVERSAL EXTRA HEAVY HILOAD GIRDER BRACKETS

The 6mm Universal Extra Heavy Duty Girder Brackets are designed to secure heavily loaded trusses, like truncated girder and secondary girder trusses to primary girder trusses.



WALL FRAME TIES

BRACEWALL BRACKET

BraceWall Brackets connect the ceiling diaphragm to the top of non-loadbearing bracing walls in accordance with AS1684.



CONNECTORPLATE

ConnectorPlates are quick, simple, economical and easy to use method of joining timber plates normally joined by more time consuming conventional methods.



INTERNALWALL BRACKET

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



MASONRY ANCHOR

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.



MASONRY STRAP

The Masonry strap is suitable for holding down top plates, roof trusses and rafters to brick cavity walls. The heavy duty zinc coating fully meets AS4773.1 deemed-to-satisfy durability classification R0, R1 & R2 for built-in components. The strap is also clearly marked quality assurance of code compliance.



PLATETIE

PlateTies will 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

Structural TieDown Straps are a fast & effective method of securing many building components. Ideal for fastening rafters to top plates, top plates to studs, or purlins to rafters.

Available in stainless steel.



STUDSTRAP

The StudStrap will 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.



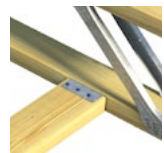
WALLSTRAP

WallStrap is 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.



ZCLIP

The ZClip has been developed to connect trimmers or noggings between PosiStruts, I-Beams and timber floor trusses to internal bracing walls for the purpose of transferring lateral shear forces in a building.





GET IT RIGHT...GET THE GUIDE!

The comprehensive MiTek GUIDE takes the guesswork out of choosing the right on-site fixing and bracing solution. 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.

Pages in the MiTek GUIDE are colour-coded and include detailed product-by-product illustrations for easy, accurate reference. The MiTek GUIDE is available from all MiTek fabricators or downloadable from: mitek.com.au

THE MITEK EASYCAT APP

The MiTek EasyCat App is a handy tool for builders and certifiers because it quickly and correctly identifies the right Engineered Building Product for the right application. The EasyCat App is an electronic catalogue of Engineered Building Products produced by MiTek Australia. It contains the latest data sheets and, where applicable, links to short, instructional videos demonstrating correct installation of Engineered Building Products. The EasyCat App is very easy to navigate, as all Engineered Building Product groups are colour-coded for quick and easy identification.



MiTek's EasyCat App can be downloaded from the Mac App Store or the Google Play store so it works on both Mac and Android devices.

For more information about MiTek 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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