

FRAMING CONNECTORS

Versatile and durable connectors for
timber frame construction applications

OUR DIFFERENCE

VUETRADE provide an assortment of timber framing connectors that complement and enhance the timber frame building process.

Suiting your specific needs for the project at hand, or to your preferred methods of installation, we have the specific product for you.



Connector Plate Nails
Connector Plate Screws

CONSUMABLES



Stud Tie
Single Sided Stud Tie
VUEFIX Stud-Smart Screw

STUD TIE-DOWN



VUEFIX Truss-Screw
Cyclone Strap

TRUSS TO TOP CHORD



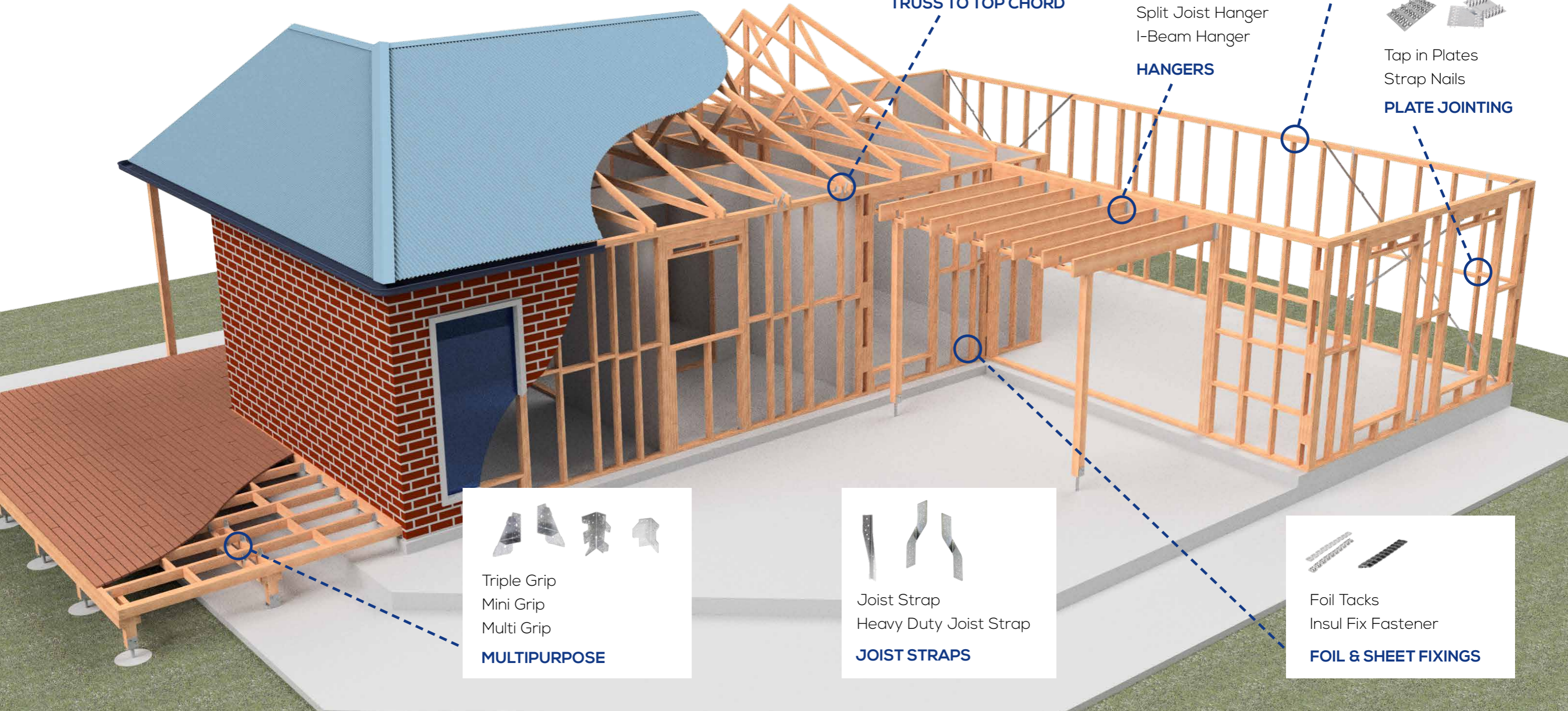
Joist Hanger
Split Joist Hanger
I-Beam Hanger

HANGERS



Tap in Plates
Strap Nails

PLATE JOINTING



Triple Grip
Mini Grip
Multi Grip

MULTIPURPOSE



Joist Strap
Heavy Duty Joist Strap

JOIST STRAPS

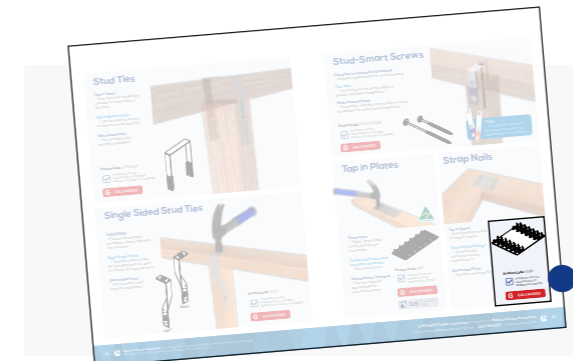


Foil Tacks
Insul Fix Fastener

FOIL & SHEET FIXINGS



FRAMING CONNECTORS RANGE



Product Code: VTSN
 Compliant with the requirements of AS1684 and AS1720
G GALVANISED

Every framing connector contains information about its material availability, compliance and Australian Standards information, as well as a product code which can be used as a direct link to the products dedicated page at vuetrade.com



Joist Hanger
 Multipurpose hangers



Split Joist Hangers
 Hangers for use with timbers widths over 50mm



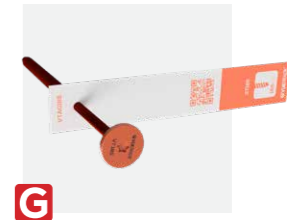
I-Beam Hanger
 Connect I-beam to structure



Stud Ties
 Easy install fastener



Single Sided Stud Ties
 Quick installation for high wind



VUEFIX Stud-Smart Screws
 Two sizes of stud screw



Joist Strap
 Fix ceiling joists or rafters



Heavy Duty Joist Straps
 Heavy duty fixing of joists or rafters



Tap in Plate
 Hammer-in nail plates



Strap Nails
 Quick jointing of timber frames



Connector Plate Nail
 Designed for VUETRADE connectors



Connector Plate Screws
 Designed for VUETRADE connectors



Triple Grip
 Perpendicular bracket



Mini Grip
 Light duty bracket



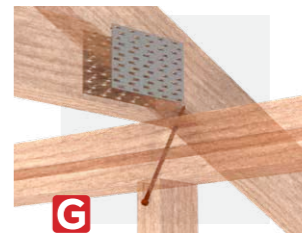
Multi Grip
 Cost effective right angle bracket



Foil Tacks
 Tear resistant fixing for foil or sheets



Insul Fix Fastener
 Rip-free fixing designed for foil insulation



VUEFIX Truss-Screws
 Secure top plate to truss with one screw



Cyclone Straps
 High wind tie-down for trusses to top plate

G Galvanised **SS** Stainless Steel 316 **C** Cyclonic

G Galvanised **SS** Stainless Steel 316 **C** Cyclonic

KEY FEATURES



Image & Project Build: Devil Decks

Confidence in Quality

Our framing connectors are industry proven in Australian conditions. Along with all our other VUETRADE products, they go through our strict Quality Control procedures to ensure that when on-site you are not disappointed or non-compliant.



Compliant and Informative

All VUETRADE products are referenced to their relevant compliance and installation limitations that should be considered before installation. To assist in this, we provide installation guides within each Technical Data Sheet (TDS) available on each relevant product page on our website vuetrade.com



Available in: **500g**
2 kg
5 kg

Connector plate nails to suit all our framing connectors

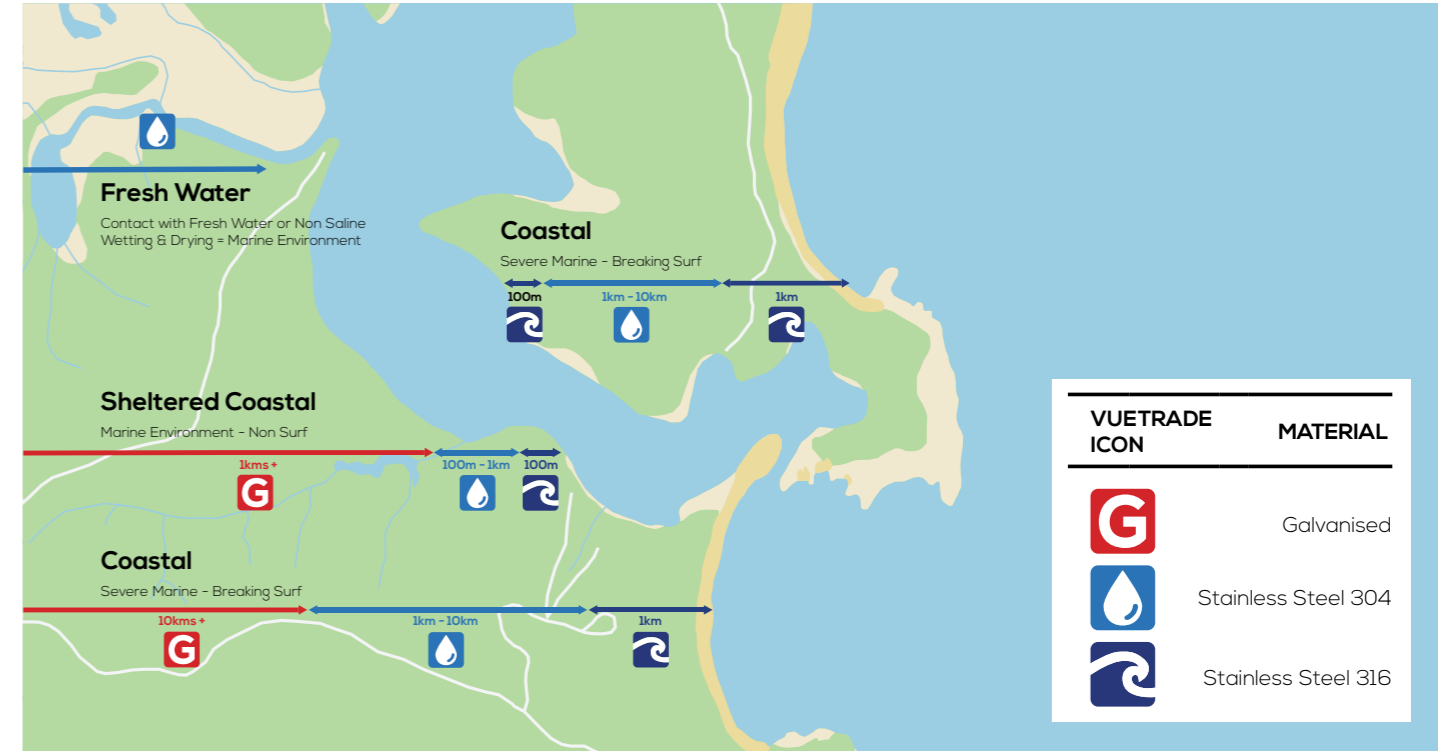
VUETRADE 30 x 2.8mm suit all VUETRADE framing connectors except for the I-Beam hangers.



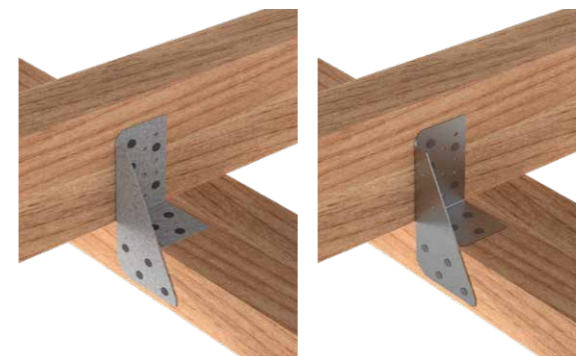
Find our growing Australian Made product range

Look for the green and gold kangaroo present on all of our Australian Made products.

SPECIFICATION AREA CHART



The right material for your location.



STANDARD / GALVANISED

- Internal / enclosed
- Exterior/exposed inland areas except if in contact with fresh water or non-saline wetting & drying



MARINE ENVIRONMENT

- Marine Environment - 100m up to 1km from a non-surf coast and from 1km up to 10km from a surf coast
- External applications in contact with freshwater or subject to non-saline wetting and drying
- Minimum steel grade required Stainless Steel 304



SEVERE MARINE

- Severe Marine - 100m from a non-surf coast and up to 1km from a surf coast
- Minimum Steel Grade Stainless Steel 316
- No 'Tea Staining', a superficial 'rust' look that occurs on lower grades of Stainless Steel including 304.

If you are in a higher corrosion area, it is worth considering to either enclose your timber connectors, or pick a more suitable grade of steel for this kind of environment.



Joist Hanger

Unique VUESPIKE

- Holds the hanger in position while you hammer

Meets and Exceeds AS1720

- The Australian Standard of Design Methods for Timber Structures

1.0mm thick steel

- Made out of quality G300 Z275 Pre-Galvanised or Stainless Steel 316

Packed straight

- Consistently packed comfortably into our carton, ready to use

Australian Made

- Locally made to high standards and allowing an easy way to support Australian jobs

19 Unique Sizes

- 35-50mm timber widths, 90-220mm hanger depths

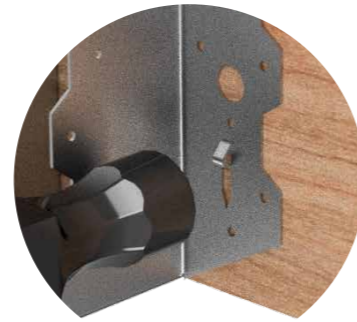
Secure with VUETRADE nails or screws

- Our Connector Plate Nails (available in Galvanised or Stainless Steel 316) or Screws are both suitable methods to install

How does a VUESPIKE work?

After confirming the correct installation location for the hanger, the VUESPIKE can be hammered into the beam prior to permanent nail installation.

This means a more organised and time efficient installation process.



Product Code: VJH



Compliant with the requirements of AS1684 and AS1720.



GALVANISED



316 STAINLESS STEEL



Split Joist Hanger



Product Code: VSJH



Compliant with the requirements of AS1684 and AS1720.



GALVANISED



316 STAINLESS STEEL



Two-piece Joist Hanger

- Use for larger timbers that a regular joist hanger can't fit, or when dealing with unknown timber widths until on-site

120-220 mm Hanger Depths

- To suit a variety of timber heights

VUESPIKE

- Ability to pre-install before fixing off to hold the supported beam

I-Beam Hanger

17 separate sizes

- To suit the most common I-Beams of 200 to 400mm depths & 40 to 90mm widths.

Australian Made

- Supporting local production with minimised supply chain issues

Use with 35mm screws or 33 x 3.15mm nails

- See page 14 for further details on fixings

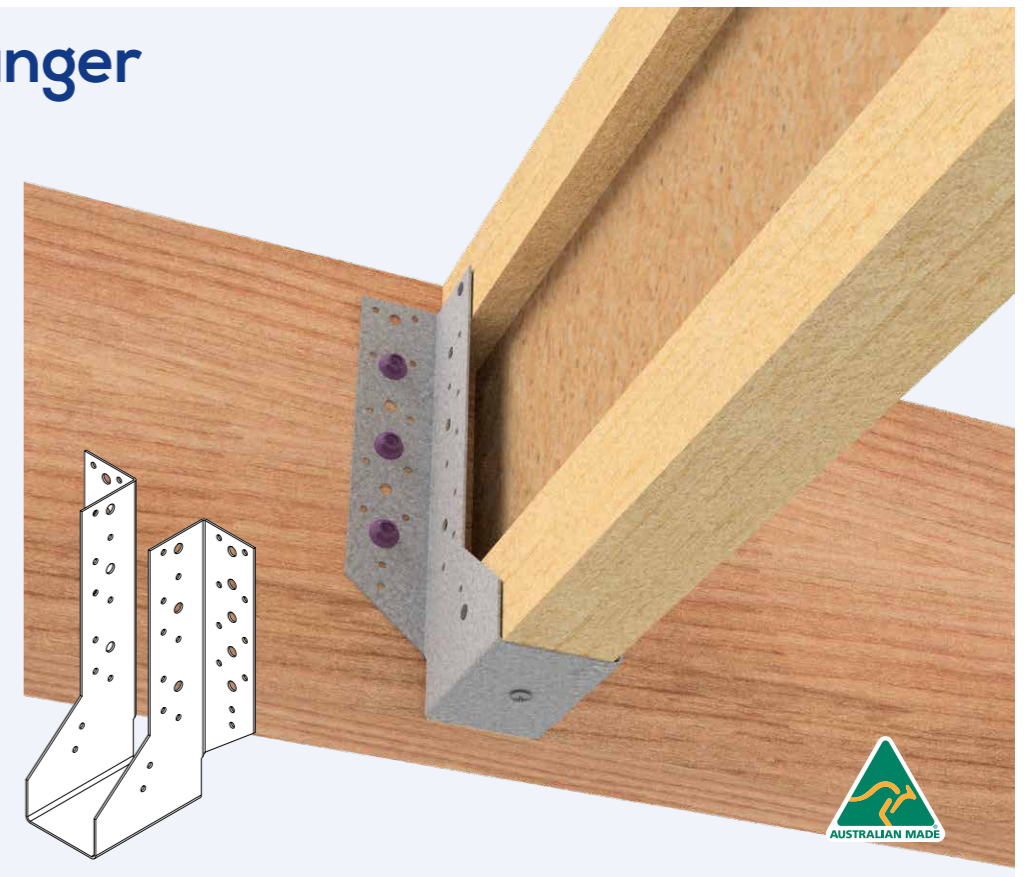
Product Code: VIBHF



Compliant with the requirements of AS1684 and AS1720.



GALVANISED



Joist Straps

VUESPIKE

- Save time with connecting to timber before fixing with nails

Ceiling Joists or Rafters to Hanging Beams

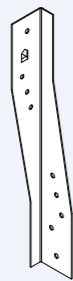
- Quick and easy

Product Code: VTJS

Compliant with the requirements of AS1684.

G GALVANISED

316 STAINLESS STEEL



Triple Grips

Perpendicular angles

- Ready for use on 90-degree angle joints

Left and Right hand profiles

- Perfect fit for your project

Stainless Steel 316 or Galvanised

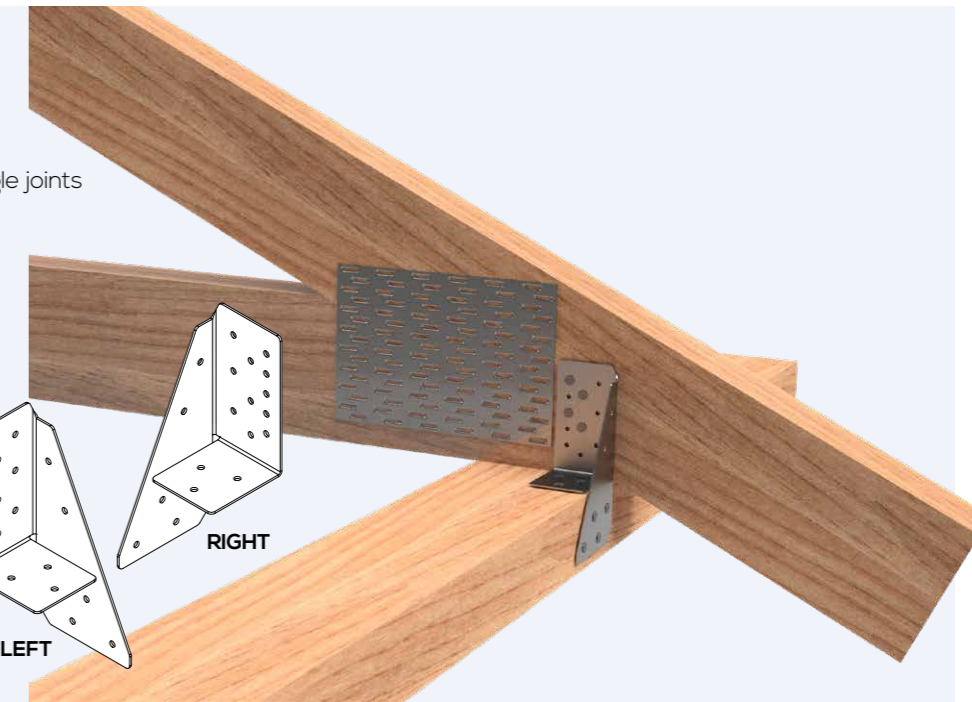
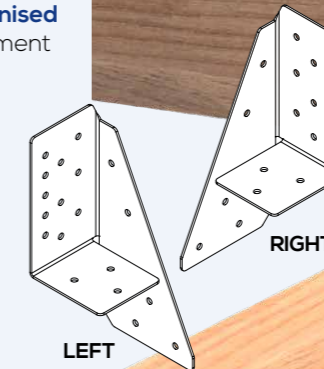
- Prepare for your environment

Product Code: VTTG

Compliant with the requirements of AS1684 and AS1720.

G GALVANISED

316 STAINLESS STEEL



Heavy Duty Joist Straps

Two profiles

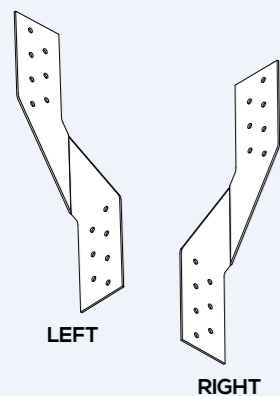
- Available in Left & Right profiles

1.0mm thick G300 Z275 steel

- Strong solution for fixing joists

170mm height

- Use for a variety of timber sizes



Product Code: VTHDJ

Compliant with the requirements of AS 1684. Tested in accordance to AS1649.

G GALVANISED



Mini Grips



Economical Connector

- For lightly loaded joints

Australian Made

- High quality and supporting the Australian economy

Nail hole pattern

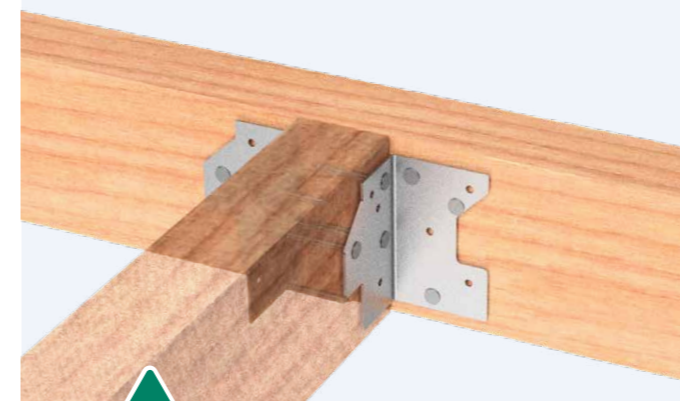
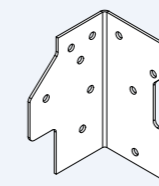
- Designed to avoid nails impacting from opposite end of timber

Product Code: VTMG57

Compliant with the requirements of AS1684.

G GALVANISED

316 STAINLESS STEEL



Multi Grips



Versatile and Cost Effective

- Bend to suit your installation

Suitable for framing applications

- In accordance with AS1684.2 and AS1684.3

Galvanised or Stainless

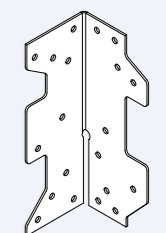
- Use the material appropriate for your environment

Product Code: VTMG

Compliant with the requirements of AS1684 and AS1720.

G GALVANISED

316 STAINLESS STEEL



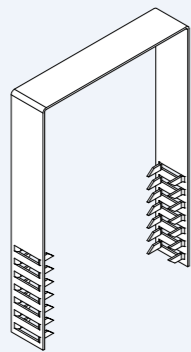
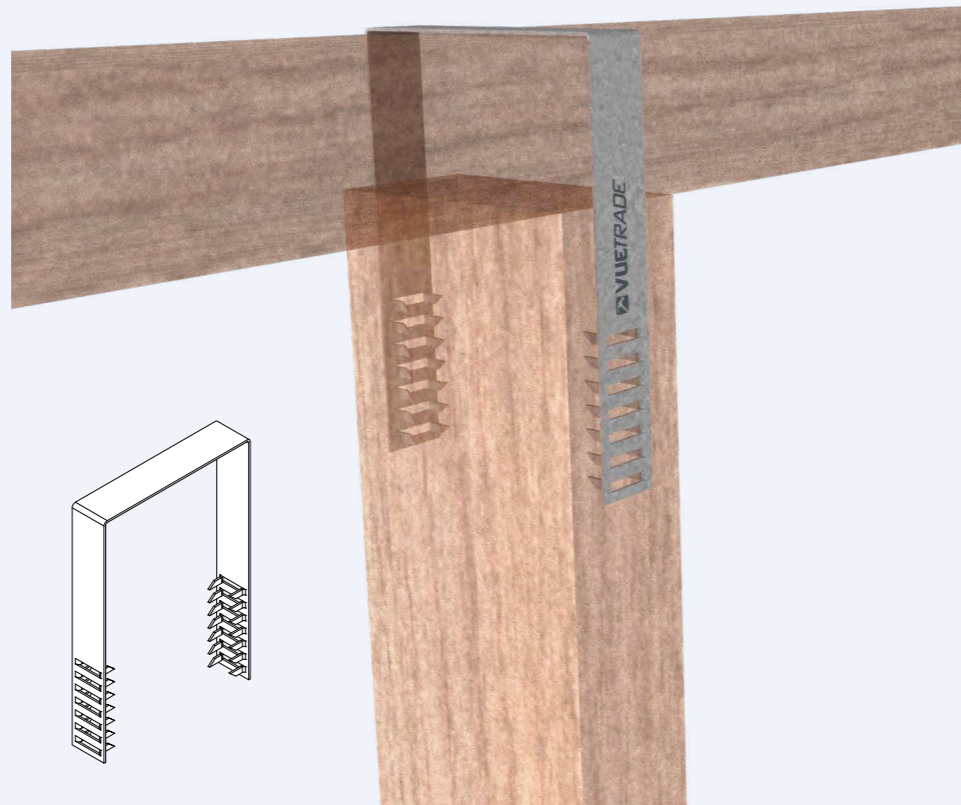


Stud Ties

Tap in "teeth"
- Easy and fast installation process for both sides of the stud

Top or Bottom Plate
- Can be used to secure on either end as required

Galvanised finish
- For durability and long-life installation



Product Code: VTST4U90

Compliant with the requirements of AS 1684. Tested in accordance to AS1649.

G GALVANISED

Stud-Smart Screws

Compliant to Australian Standards
- Suitable replacement for stud strapping

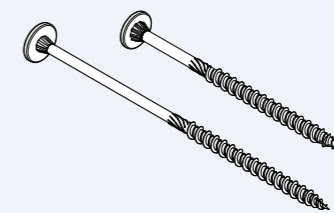
Two sizes
- Correctly pick for either single or double top plate installations

Wide coloured head
- Accurately indentify and confirm correct installation for safety and compliance

Product Code: ST140 & ST185

Compliant with the requirements of AS 1684. Tested in accordance to AS1649.

G GALVANISED



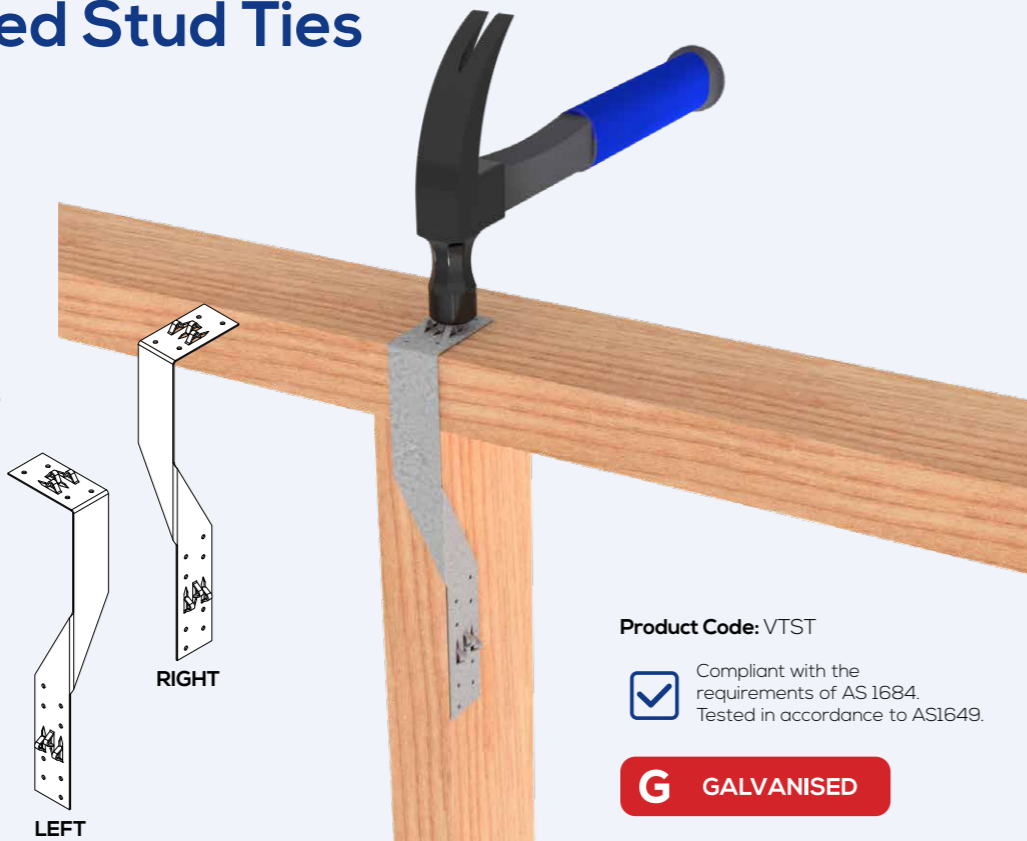
VTAG
- Available for separate purchase to simplify the identification of installation.

Single Sided Stud Ties

VUESPIKES
- Fastest and easiest installation, simply hammer it in to secure

Right Angle folded
- Shaped ready to use, no springing back as seen in inferior pressed versions

Galvanised finish
- For durability and long-life installation

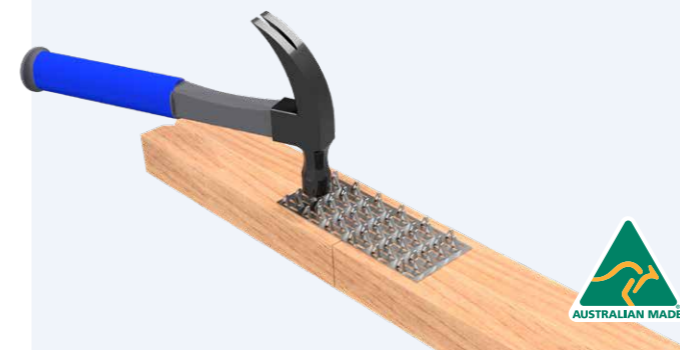


Product Code: VTST

Compliant with the requirements of AS 1684. Tested in accordance to AS1649.

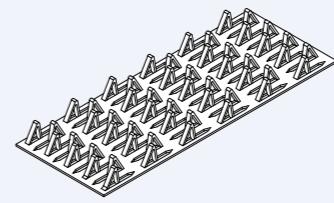
G GALVANISED

Tap in Plates



Timesavers
- "Teeth" that create strong and secure connection

Timber wall frame and top plate connection
- Fast and secure



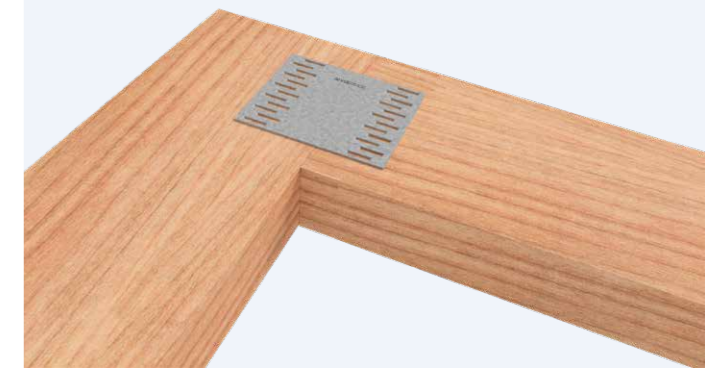
Product Code: VTIP

Compliant with the requirements of AS1684 and AS1720.

G GALVANISED

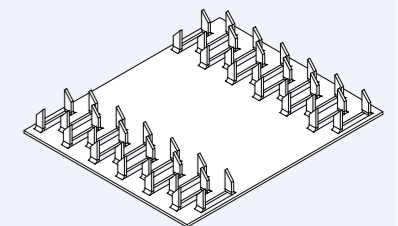
316 STAINLESS STEEL

Strap Nails



Tap in Spikes
- Quick jointing method of timber frames

Twisted Spike Design
- Creates solid connections once hammered in



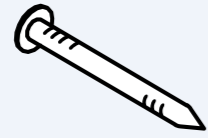
Galvanised Finish
- Durable and long-life

Product Code: VTSN

Compliant with the requirements of AS1684 and AS1720.

G GALVANISED

Connector Plate Nails

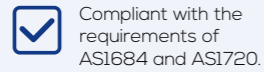


30 x 2.8mm
- Used to fasten VUETRADE framing connectors

645 nails p/kg
- Available in 500g, 2kg and 5kg

33 x 3.15mm I-Beam nails
- Also available for use on VUETRADE I-Beam hangers

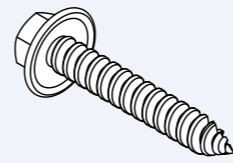
Product Code: VTCPN



G GALVANISED



Connector Plate Screws 35mm

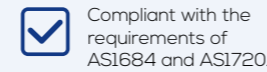


Designed for VUETRADE products
- Used to fasten VUETRADE framing connectors

50 / 250 pack size
- Convenient pack sizes for on-site use

5/16 Hex Drive
- Standard driver size for convenience

Product Code: VTCPS35

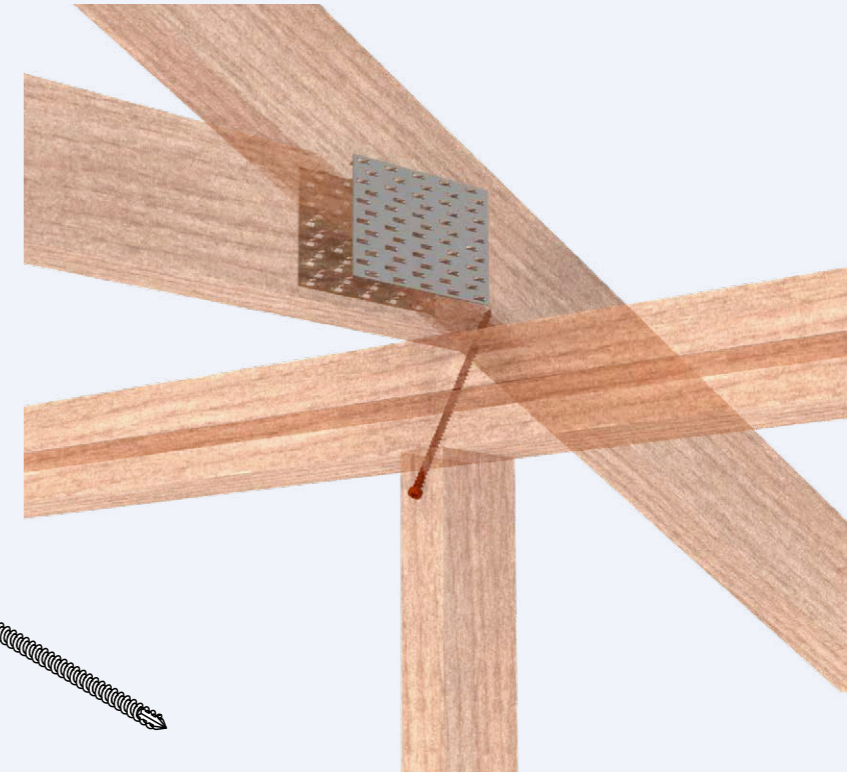


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VUEFIX Truss-Screws

150mm length
- Comfortably secure through double top plate with sufficient embedment into truss / rafter

Replace or compliment the use of a Cyclone Strap
- Installation from below allows for easier installation, or with use of a cyclone strap for additional tie-down capability



Product Code: TS150



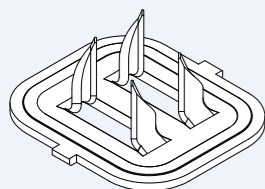
G GALVANISED

Foil Tacks

Wide Size & Rounded Edges
- Tear resistant

Twisted Spikes
- Excellent holding power

Strips of 10
- Convenient quantities in boxes of 500 tacks



Product Code: VTFT



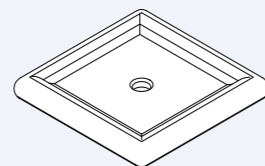
G GALVANISED

Insul Fix Fastener

Rounded Edges
- Tear Resistant

Strips of 10
- Convenient quantities in boxes of 500 fasteners

Insert nail to secure
- Simple installation



Product Code: F8I006



G GALVANISED

Cyclone Strap

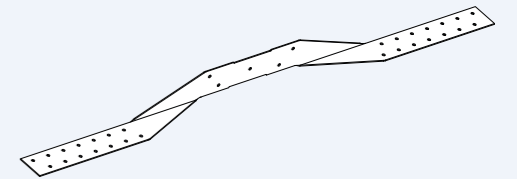
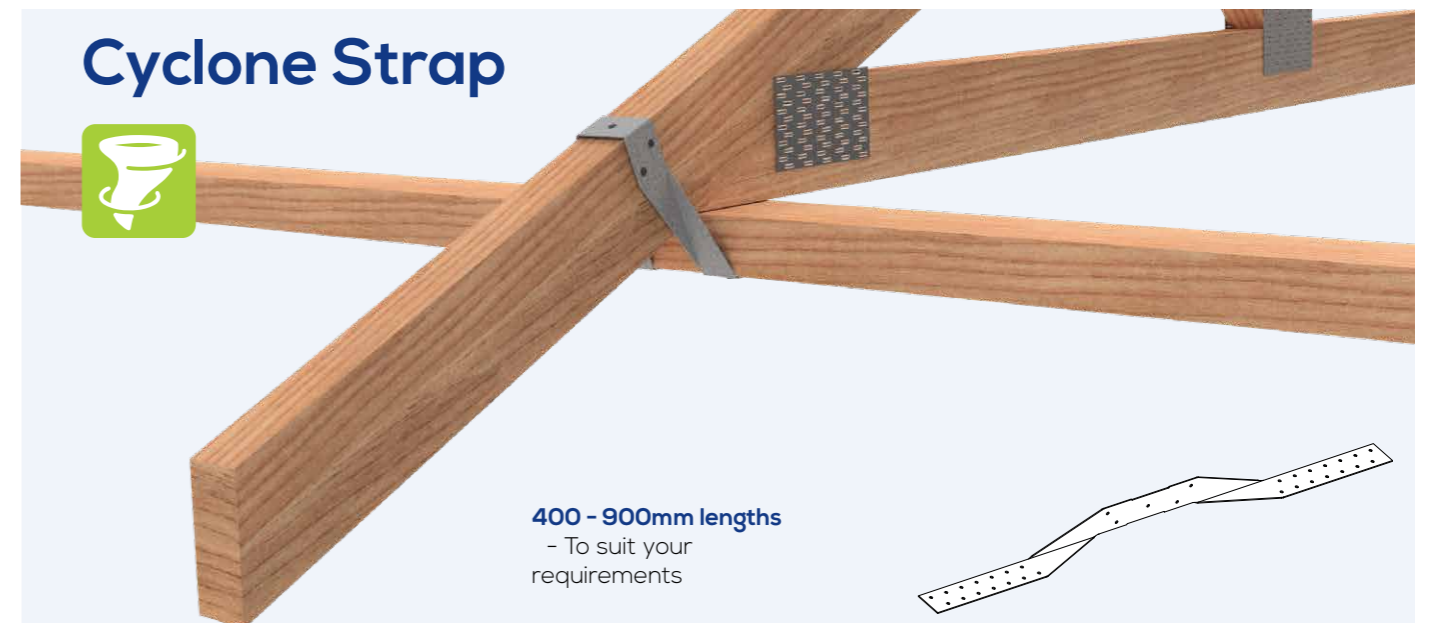


400 - 900mm lengths
- To suit your requirements

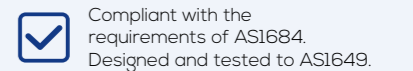
Economical price point
- Accessible upgrade to increase durability of build in the long term

Galvanised Finish
- Durable long life product designed for internal use

Simple Installation
- Convenient way to lower wind uplift loads on trusses



Product Code: VTCS



G GALVANISED





CYCLONIC for high wind areas

CYCLONIC RANGE:



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- Some parts of Australia, most notably in Queensland and northern NSW, can be faced with extreme high wind events
- Adequate tie-down and product usage is directed in the Australian Standards
- Timber Connector Icons assist product recognition

Building to your area and its expected natural events, even if uncommon, is the correct choice to guarantee a long-term, high quality build.

Certain parts of Queensland and northern NSW are known to have regular high-wind events that structures should be prepared for.

The nearer a cyclone gets, the higher wind and rain loads your structure will need to endure. Winds can be so strong that they can even break large trees along with poorly constructed structures.

Strong winds can cause extensive and expensive damage to your structures.

In order to assist builders in high-wind areas, we have created our Cyclonic Range of timber connectors to create better wind resistant timber structures when correctly installed and regularly maintained.

COASTALSS for coastal & high corrosion areas

COASTAL SS:



vuetrade.com

- CoastalSS is recommended for increased corrosion resistance
- Stainless Steel use is specified in the Australian Standards
- 316SS provides the strongest corrosion protection on the market
- Timber Connector Icons assist specification

VUETRADE's CoastalSS range is made up of high-quality Stainless Steel products that allow you to install solid timber connections in various coastal areas, without having to worry about the connector rusting and making your structure unsafe.

Stainless Steel Timber Connectors prevent potential structural failure, as well as saving the future time and money required to replace corroded brackets.

The Australian Standards provide guidelines for the use of Stainless Steel Fixings and Brackets – refer to AS3700 Section 5.

VUETRADE has an extensive stocked range of 304 and 316 Stainless Steel, as well as many special order and customizable Stainless Steel products.

Stainless Steel grade 304 (SS304) is the most commonly used stainless steel, as it is cost effective and sufficiently corrosion resistant for many applications. However, SS304 is susceptible to tea staining (a superficial rust-looking stain) and can be corroded in extremely corrosive environments.

In contrast, Stainless Steel grade 316 (SS316) has a greatly increased corrosion resistance and will even withstand Severe Marine conditions.





Australian Made Product Range

- Supporting local business and keeping industries surviving
- Reliable product availability
- Locally made means high quality

Innovatively designed and manufactured here in Australia, our growing Australian Made range benefits from having unbeatable quality and more reliable stock control.

Having products sourced within the country allows us as an Australian owned business, and consumers of our products, to support the retention of industries that assist product manufacturing within Australia.

The process of importing and shipping products from overseas produces a much larger carbon footprint compared to having them made within a short distance to where they are sold and, ultimately, installed..

Having manufacturing in Australia confirms exactly what materials and methods are being used to produce each product. This removes any question marks and inconsistencies that can be present with overseas manufacturing. Quality materials mean quality products.

Our Australian Made range includes products from the Bracing & Tensioners, Framing Connectors, Building Brackets and Post Supports categories.

VUETRADE
AUSTRALIAN MADE:



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HOW TO DECIDE



In what type of environment is your project located?

The suitability of any product in different environmental conditions can be determined by reading off our specification area chart found on page 7.

Based on the type of environment and the distance from the coast where the timber connector will be used, you can decide on the correct material for your project.

It is important to use the recommended material classification for suitable corrosion resistance to protect the overall integrity of the structure.

Note: VUETRADE does not cover corrosion protection on heavy industrial areas as additional or highly specific requirements may be necessary.

Protection and Safety

By using stainless steel in any environment that could be considered more corrosive, such as beside the pool or near the coast, you are increasing the lifespan of your installed timber connectors.



Image & Project Build: **Nautical Carpentry**

Technical Data

For each product a downloadable PDF is available on our website for technical data which includes installation instructions, design capacities and known restrictions.





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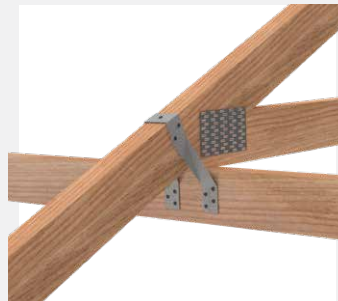
STAINLESS STEEL 316



CYCLONIC RANGE

FRAMING CONNECTORS

- JOIST HANGER
- SPLIT JOIST HANGER
- I-BEAM HANGER
- JOIST STRAP
- HEAVY DUTY JOIST STRAP
- TRIPLE, MINI & MULTI GRIP
- STUD TIE
- SINGLE SIDED STUD TIE
- VUEFIX STUD-SMART SCREWS
- TAP IN PLATE
- STRAP NAILS
- CONNECTOR PLATE NAILS & SCREWS
- FOIL TACK
- INSUL FIX FASTENER
- VUEFIX TRUSS-SCREW
- CYCLONE STRAP



Other category documents:



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