

NZ EZI STUD TIES

Stud ties connect top and bottom plates to studs or lintels to resist wind uplift.

CodeMark 
CMNZ-10029

FEATURES AND BENEFITS

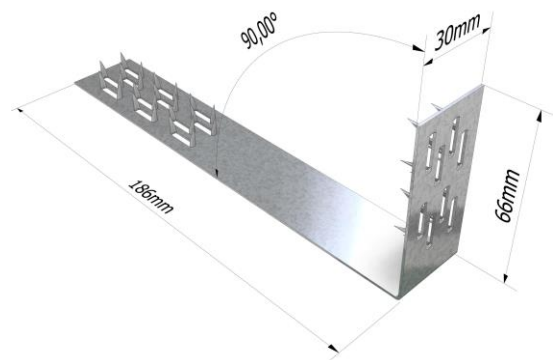
EASY: A quick and effective connector between studs and wall plates or lintels.

FAST: Built-in Claw-nails remove the reliant on the position of top plate fixing nails to achieve desired strength.

DURABLE: G300 Z275 Steel with Pryda proprietary Claw-nails for superior holding strength.

SPECIFICATIONS

PRODUCT CODE	SST
STEEL	G300
THICKNESS	0.95mm
CORROSION RESISTANCE	Z275
FASTENER	Preformed Claw nails
PRODUCT DIMENSION	186 x 66 x 30mm



The Pryda Ezi Stud Tie - SST has been designed to exceed the requirement of table 8.18 NZ3604:2011 – “Fixing of top plate of wall to supporting members such as studs and lintels at 600mm centers”.

At the time of print, this product is NOT subject to any known warnings and bans found in Building Act 2004.

*All dimensions shown are in “mm.”

STUD TIES

PRODUCT CODE	MATERIAL	TYPE	FASTENERS
SST	G300 Z275 Galvanised Steel	Single	Pre-punched nails

Pryda Stud Ties greatly improve the jointing of top and bottom plates to studs compared to the common nail fixing, i.e.:

- Easy to install
- No checking of timber required
- Can be fitted after top plate packer has been attached
- Prevent to ensure correct placement on site
- Smaller top plate connection – Quicker and easier to fix
- Less cumbersome – Smaller but effective
- Easily installed using just a hammer
- Easily inspected

DESIGN CAPACITIES (Wind Uplift)

STUD TIES	DESIGN CAPACITY Φ NJ (KN) PER STUD TIE FOR TIMBER JOINT GROUP	
	JD5	
SST ⁽¹⁾⁽²⁾	4.6	

Notes:

1. Design values are based on SG8 timber and for timber which meets minimum JD5 timber as defined in AS/NZS 1720.
2. Limit State Design capacities are shown in table to resist Wind Uplift.

DURABILITY

The following table provides an easy guide when selecting a Pryda product corrosion protection finish that will meet and exceeds NZS 3604:2011 Table 4.1.

Pryda Ezy Stud Tie is only available in Z275, therefore suitable for “Closed” environment.

ZONE	LOCATION		ENVIRONMENT	PRODUCT
All Zones	Fully enclosed walls, floors, and roof spaces		Closed	Pryda Zinc Coated Products Z275
Zones B and C	All subfloor fastenings more than 600mm above the ground	Vented 7000mm ² /m ² or LESS	Sheltered	Pryda Stainless Steel 304 Products ⁽³⁾
		Vented MORE than 7000mm ² /m ²	Exposed	Pryda Stainless Steel 304 Products ⁽³⁾
	All subfloor fastenings within 600mm of the ground	Sheltered and Exposed		Pryda Stainless Steel 304 Products ⁽³⁾
	All other structural fixings	Sheltered		Pryda Stainless Steel 304 Products ⁽³⁾
Exposed		Pryda Stainless Steel 304 Products ⁽³⁾		
Zone D	All structural fixings	Sheltered and Exposed		Pryda Stainless Steel 304 Products ⁽³⁾

Notes:

1. All Pryda galvanised products comply with NZS3604:2011 Table 4.2.
2. Refer to NZS3604:2011 for all environment definitions.
3. Routine inspection and cleaning using soap and fresh warm water is an integral part of the ongoing care and maintenance of stainless steel to preserve its appearance.

STORAGE AND HANDLING

Prior to use, the Pryda products shall be stored in a weatherproof environment and protected from moisture. Care must be taken to avoid any damage to the surface of the product protective galvanised coating and profile that may impact the performance.

COMPLIES WITH THE FOLLOWING PROVISIONS OF THE NEW ZEALAND BUILDING CODE (NZBC)

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4. Loads arising from self-weight, imposed gravity loads arising from use, earthquake, snow, and wind. (i.e., B1.3.3 (a), (b), (f), (g), and (h)). Only some may apply for a specific use of the component.

Clause B2 DURABILITY: Performance B2.3.1 (a) not less than 50 years and B2.3.2.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.

APPLICATIONS AND SCOPE OF USE

The Pryda Ezi Stud Tie is an alternative solution to the fixing type B in Table 8.18 in NZ3604:2011. The Pryda Ezi Stud Tie exceeds the required capacity without relying on the additional 0.7kN contribution of the 2/90 x 3.15mm nails, top plate to stud.

Pryda Ezi Stud Tie is certified when used and installed in accordance with the product datasheet shown connection details. Pryda fasteners approved for the installation form an integral part of the connection and therefore should be used with all Pryda products installation unless otherwise approved by a certified structural Engineer. Only use the product for its intended applications and the selected product material type within the specified environmental condition as outlined in NZS 3604:2011 Table 4.1. (Refer to Durability section for more details).

INSTALLATION EZI STUD TIE

STEP 1



- Locate the Ezi Stud Tie on the external corner of the wall plate.
- Ensure Ezi Stud Tie is centrally located on the stud. While holding the tie in place at corner, systematically hammer in the claw-nail, starting from inner nail cluster to outer. Evenly hammer in all the claw-nails into stud.

STEP 2



- Fasten the top of the Ezi Stud Tie into the top plate. In a similar manner, while holding the Ezi stud tie firmly against top plate corner, systematically hammer the claw-nails from inner clusters to outer claw-nail clusters. Avoid using excessive force and ensure Ezi stud tie is lying flat on both stud and top plate surfaces.

Contact details	
Manufacture location	Overseas
Legal and trading name of manufacturer	Exim Engineering Pty Ltd
Legal and trading name of importer	Pryda New Zealand -a Division of ITW New Zealand
Importer address for service	23-29 Poland Road, Wairau Valley, Auckland, 0627, New Zealand
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Importer phone number	0800 88 22 44
Importer NZBN	9429039833129