



NZ DESIGN GUIDE

# FASTENERS

2024

## PRYDA BUILDING GUIDE OVERVIEW

Pryda has developed this guide to accommodate New Zealand building practices. It is important that designers, engineers, builders, inspectors and building authorities are familiar with the benefits and critical requirements of the system. Pryda timber connectors, trusses and beams comply with the New Zealand Building Code, Section B1 Structure and B2 Durability, having been designed in accordance with sound and widely accepted engineering principles to comply with NZS3604:2011.

The capacities reported in this publication are limit state design capacities and not characteristic strengths thereby allowing direct comparison with design reactions reported in Pryda design software and Pryda design reports. This document supersedes and replaces all the previous publications of Builder's Guide.

For further design advice or engineering support regarding the Pryda products discussed in this publication please phone us at **0800 88 22 44** or visit our website - **[www.pryda.co.nz](http://www.pryda.co.nz)**.

The Pryda Design Guide features a Building Consent Documentation Reference for many connection details. This is aimed to encourage designers to align details in the building consent documentation with useful information for easy reference for builders and building officials at the time of inspection. The process is illustrated on the following page. It should be recognised that this is not a requirement, and fabricators may choose to present information in various formats.

The **Building Consent Documentation Reference** should not be confused with the Pryda product code.

### The Company

Pryda New Zealand is an autonomous division of USA-based Illinois Tool Works Inc. a Fortune 200 diversified manufacturing company with almost 100 years of history. Other successful ITW brands include Paslode, ITW Proline, Ramset and Reid Construction Systems. Pryda also gains valuable benefits in product, fabrication machinery and software development from its association with other ITW software and truss connector suppliers from around the world.

### Who is Pryda?

Pryda was born in Napier, New Zealand in 1964. Pryda has remained an integral part of the building industry in New Zealand for over 50 years, particularly in timber truss and

frame solutions with the development of a diverse range of timber connectors and structural brackets. Today Pryda remains a trusted New Zealand brand on building sites, in trade stores and in offices of architects, engineers and designers.

Pryda utilises world-class technology to provide a total system package to its licensed truss and frame plants, including fully integrated software and production systems, access to world leading manufacturing equipment and the highest levels of technical support.

### Our Philosophy

Pryda develops solutions to common construction challenges on the philosophy, "**safer, faster, smarter, easier**".

Pryda's philosophy is a unique method of looking at the total business needs of its licensed truss and frame fabricators and providing cost effective solutions that not only meet current requirements but also identify and satisfy long term goals.

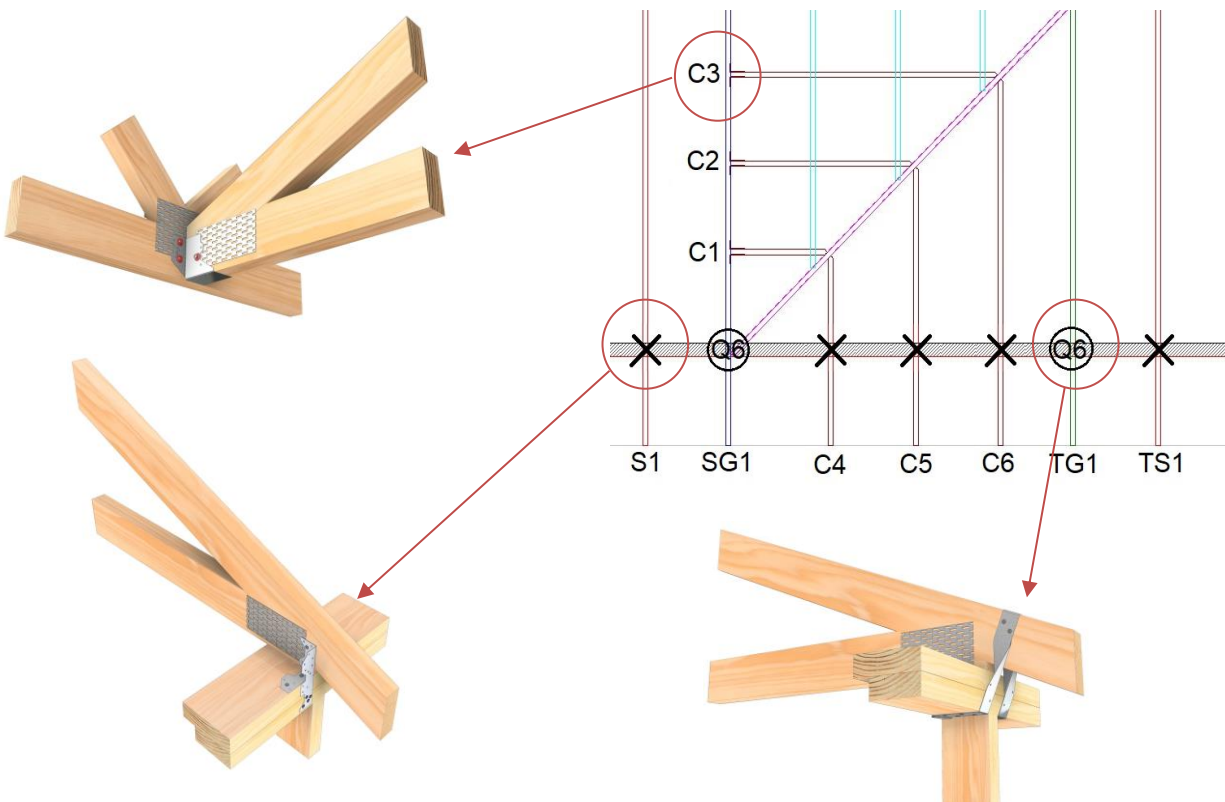
## BUILDING CONSENT DOCUMENTATION REFERENCE INDEX

FOUNDATION & SUBFLOOR	Subfloor Fixing	P6	6kN Pile Bearer Kit
		P12	12kN Pile Bearer Kit
	Foundation Strengthening	LB1	10kN Load Foundation slab strengthening
		LB2	20kN Load Foundation slab strengthening
LB3		30kN Load Foundation slab strengthening	
WALL	Bottom Plate Fixing	BP1	Sheet Brace Strap 6kN
		BP2	Sheet Brace Strap 12kN
		BP3	Stud Anchor 6kN
		BP4	Stud Anchor 12kN
		BP6	Bottom Plate Anchor
	Timber Lintel Fixing system	L1	1.4kN lintel fixing
		L2	2.8kN lintel fixing
		L3	8.0kN lintel fixing
		L4	14.0kN lintel fixing
	Top Plate to Stud Connection	TPO	0.7kN Top Plate to Stud
		TP1	1.7kN Top Plate to Stud
		TP2	2.5kN Top Plate to Stud
		TP3	4.7kN Top plate to Stud
	Claw Beam Connection System	L9	Claw Beam Lintel Fixing Various
		L10	Claw Beam Lintel Fixing Various
L11		Claw Beam Lintel Fixing Various	
L12		Claw Beam Lintel Fixing Various	
L13		Claw Beam Lintel Fixing Various	
L14		Claw Beam Lintel Fixing Various	
L15		Claw Beam Lintel Fixing Various	
ROOF FRAMING	Roof Component Tie Down Connection	Z	2 / Z nails ZL or ZR
		U	2 / U nails
		CP9	2 / CPH190 Ceiling Purlin /Hanger
		X	1 / MGL (Multigrip long)
		2X	2 / MGL
		NC4	1 / NPPC4 Concealed Purlin Cleat
		NC6	1 / NPPC6 Concealed Purlin Cleat

<b>ROOF FRAMING</b>	Roof Component Tie Down Connection	NC8	1 / NPPC8 Concealed Purlin Cleat
		Q6	1 / MPQHS6 Cyclone Strap
		Q9	1 / QHS9 Cyclone Strap
		Q6*	1 / MPQHS6 Cyclone Strap, wrap legs under support member
		Q9*	1 / QHS9 Cyclone Strap, wrap legs under support member
	Roof Component to Roof Component Connection	VS	Variable Skew Hanger
		MG	Multigrip
		MGL	Multigrip Long
		A	MPFB4590 Joist Hanger
		B	MPFB45120 Joist Hanger
		C	MPFB45180 Joist Hanger
		D	FB94/152 Joist Hanger
		NC8	2 / NPPC8
	NPA	2 / Nail-on Angle	

## BUILDING CONSENT DOCUMENTATION REFERENCE

The Pryda Builders Guide features **building consent documentation references** for many connection details. This is aimed to encourage designers to align details in the building consent documentation with useful information in the Pryda Builders Guide for easy reference for builders and building officials at the time of inspection. The process is illustrated below.



# FRAME & TRUSS MANUFACTURERS ASSOCIATION CODE OF PRACTICE

## 1 The Code of Practice

### 1.1 Purpose

The FTMA Code of Practice is intended to provide a means of assurance to consumers, specifiers, and Building Consent Authorities (BCAs) by way of publishing the standards and procedures that members agree to. In this way there is a basis for comparison with non-members as well as an industry-based benchmark from which expectations can be managed.

### 1.2 Intention

It is intended that:

- Adherence to the Code of Practice will enable a qualifying fabricator to certify and mark their product as compliant to the Code of Practice.
- After a period of implementation and review adherence to the Code of Practice will be audited by a third-party auditor.
- That adherence to the Code of Practice will be required for membership of FTMA.

### 1.3 Content

The Code of Practice includes:

- Section 2 - Truss Documentation

## 2 Truss documentation

### 2.1 Introduction

The intention of this section is to describe the documentation required to be produced by a fabricator of nail-plated timber trusses for use by its customer. The information contained in the document may be used by a Building Consent Authority (BCA) to satisfy the provisions of the Building Act 2004 and reasonable BCA processes in the issuing of a Building Consent or Code Compliance Certificate (CCC).

For practical purposes, the production of the documentation is a two-stage process. The first stage is to provide documentation to support the issuing of a building consent.

This can be achieved by providing:

- a 'Buildable' truss layout.
- Fabricator Design Statement.
- a Producer Statement – Design.

These documents show that trusses have been designed by an accredited fabricator<sup>1</sup>, licensed to use specific design software, applying the appropriate loads, and using the appropriate materials to ensure compliance with the NZ Building Code (NZBC) as well as giving notification of any resultant loads that may affect the supporting structure.

This documentation is intended to be provided to the “design lead”<sup>2</sup> to then consider when completing the structural design before providing it to the BCA as part of a building consent application. The BCA may then issue a building consent that is subject to receiving further documentation. The second stage is to support the issuing of the CCC and is required prior to on-site inspection by the BCA.

This can be achieved by providing:

- an 'As Built' truss layout.
- a Fabricator Design Statement.
- a Producer Statement – Design.
- a Manufacturing Statement.

This is similar documentation to that provided for the first stage but ensures that the final construction details of the manufactured trusses accurately reflect what was built, which can then be recorded by the BCA as part of the project documentation. Such further documentation then satisfies the conditions on which the consent had been issued. The documentation is intended to be provided to the builder on-site and to the customer who should make it available to the BCA prior to on-site inspection.

When producing an 'As Built' truss layout and final truss detailing for supply, it is expected that a fabricator shall give consideration to any 'Buildable' truss layout that has been consented by a BCA. The fabricator shall consider any structural implications that may result from a different layout to that consented and if any changes are to be made then these shall be communicated to the customer to pass on to their design team for consideration and approval before proceeding with supply. It is not expected that fabricators should have to follow exactly a consented layout, particularly when a competitive party may have provided it. However, a fabricator will have to produce an 'As Built' truss layout as per 2.3.1. This two stage process is reflected in section 7.5 of the guidance document "Guide to applying for a building consent" published by the Department of Building and Housing. Acknowledgement and support for the COP Section 2 – Truss Documentation is also outlined in the publication from DBH Codewords issue 044. Both publications are available online at [www.dbh.govt.nz](http://www.dbh.govt.nz).

While it is expected that the documentation is going to be provided to assist a BCA in the consent or CCC process it should be noted that the contractual relationship is between a fabricator and its customer and that the responsibility to provide this information to a BCA rests with the applicant for a building consent.

Notes:

1. An accredited fabricator is a company that has a formal agreement with a nail-plate manufacturer to use their products in the manufacture of trusses. The nail-plate manufacturer in turn licenses the fabricator to use specific design software supplied and underwritten by the nail-plate manufacturer.
2. A design lead refers to the architect or draftsman responsible for the overall design of the building.

## PRODUCER STATEMENT PRYDA TIMBER CONNECTORS

**August 2024**

This Producer Statement is issued by Pryda NZ to cover the use, installation, and durability of Pryda Timber Connectors for both structural application and durability as required by the New Zealand Building Code clauses B1 & B2, respectively.

### Description

The Pryda timber connectors are manufactured from either Z275 or Z600 galvanised coil. Some brackets are also available in hot dipped galvanised or stainless steel for use in certain exposed and covered situations.

### Application

Pryda timber connectors are designed for specific connections of timber to timber, primarily, as well as masonry, concrete, and steel. Please contact Pryda should you require assistance relating to these connectors.

### Installation

Pryda timber connectors should be installed without damage to the finished surfaces. Storage prior to use to be in dry moisture free conditions that would not affect the future durability of the product.

### Design Capacity

As timber grades vary the design capacity is derived using the methods in NZS AS1720.2022 and is mostly dependent on the shear values of the nails, screws, and bolts in timber. Most commonly used Timber Connectors have published limit state design strengths published in our literature.

### Durability

The durability of Pryda timber connectors is in accordance with the acceptable solutions contained in Table 4.1 and Table 4.2 of NZS3604:2011 to achieve a 50 year life expectancy for the connectors where applicable. Alternative solutions and direct applications are to be found elsewhere in this publication.



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**STRUCUTRAL ENGINEER**

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## PRODUCER STATEMENT STRUCTURAL BRACKETS

### Pryda Structural Brackets

#### August 2024

This Producer Statement is issued by Pryda NZ to cover the use, installation, and durability of Pryda Structural Brackets for both structural application and durability as required by the New Zealand Building Code clauses B1 & B2, respectively.

#### Description

Pryda Structural Brackets are fabricated from flat bar steel. They are mostly available in hot dipped galvanised finish with a selection also available in stainless steel for use as an architectural feature or in certain exposed and covered situations as covered in NZS3604:2011. The zinc coating is applied in accordance with AS/NZS 4680:2006. The remaining Pryda Structural Brackets are finished in electro galvanised.

#### Application

Pryda Structural Brackets are designed to connect timber to masonry, concrete, and steel. The brackets are designed for specific connections of timber to other materials. Please contact Pryda technical service should you require assistance with your intended application.

#### Installation

The Pryda Structural Brackets should be installed without damage to the finished surfaces. Storage prior to use to be in dry moisture free conditions that would not affect the durability of the product.

#### Characteristic Strength

When used with timber, the characteristic strength is derived by the verification method in accordance with the NZBC standard NZS3603:1993. The withdrawal strength of the bracket varies with the type of substrate it is installed in, hence the limit state design capacities shall be determined by the design engineer taking into consideration the above point.

#### Durability

The durability of the Pryda Structural Brackets is more than the acceptable solutions contained in Table 4.1 of NZS3604:2011 in order to achieve a 50-year life expectancy for the brackets. Pryda Structural Brackets are hot-dipped galvanised to a level equal to or exceeding 500g/m<sup>2</sup>. Depending on the environmental conditions and exposure to marine conditions, the surface of the stainless-steel brackets can be affected by tea staining. However, tea staining does not affect the structural integrity of the fitting.



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## ENVIRONMENT DEFINITIONS & PRODUCT SELECTION

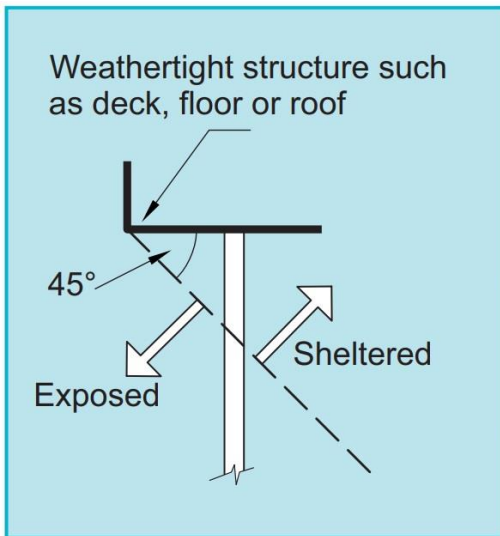
### Alternative solution to Table 4.1 NZS3604:2011

Under the building code, **Clauses B2 Durability**, requirements for steel fasteners are:

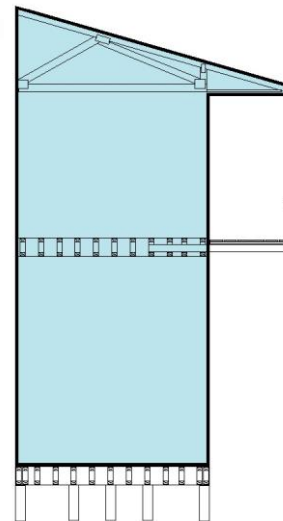
- For structural steel fasteners with difficult access and replacement - 50 years or nominated period
- For structural steel fasteners with moderate ease of access and replacement - 15 years or nominated period

### Environment Definitions

#### Exposed/Sheltered



#### Closed



Zone	Location		Environment	Product
All Zones	Fully enclosed walls, floors & roof spaces		Closed	Pryda Zinc Coated Products
Zones B & C	All subfloor fastenings more than 600mm above the ground	Vented 7000mm <sup>2</sup> /m <sup>2</sup> or LESS	Sheltered	Pryda Stainless Steel Products
		Vented MORE than 7000mm <sup>2</sup> /m <sup>2</sup>	Exposed	Pryda Stainless Steel Products
	All subfloor fastenings within 600mm of the ground	Sheltered and exposed		Pryda Stainless Steel Products
		All other structural fixings	Sheltered	
			Exposed	
Zones D	All structural fittings	Sheltered and exposed		Pryda Stainless Steel Products

Notes: All Pryda galvanised products comply with NZS3604:2011 Table 4.2

**EXPOSURE ZONES**



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NOTE - The sea spray zone includes all offshore islands, the area within 500 m of the coastline of New Zealand, and those areas shown in white. The map shall be read in conjunction with clause 4.2.2 of NZS 3604:2011.

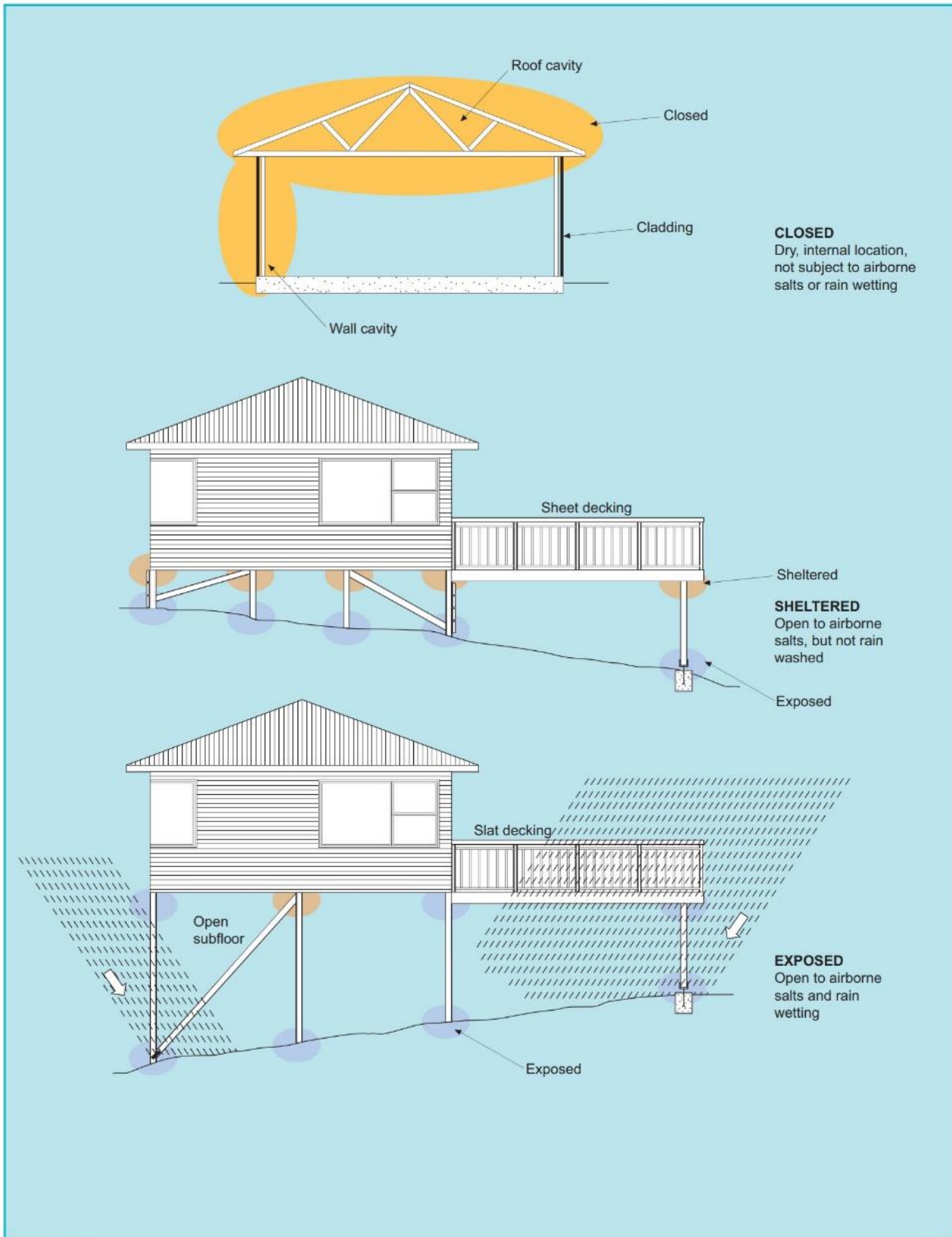
**Exposure zones**

- Zone B
- Zone C
- Zone D



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# EXPOSURE DEFINITIONS



©Copyright Standards New Zealand 2011. Content from NZS 3604:2011 Timber-framed buildings has been reproduced with permission from Standards New Zealand under Copyright License 000925. Refer to the full Standard for full details available for purchase from Standards New Zealand at [www.standards.co.nz](http://www.standards.co.nz)  
©Copyright Standards New Zealand 2011. Figure 4.3(b) from NZS 3604:2011 has been reproduced with permission from Standards New Zealand under Copyright License 000925.

# NZ FASTFIX™ STUD TO WALL PLATE SCREW

**CodeMark**   
CMNZ-10029

Quick, safe, strong solution for securing wall plates in stick-built frames.

### FEATURES AND BENEFITS

**FAST:** Unique designed screw tip gives a rapid start, and the coarse thread significantly reduces driving time.

**EASY:** Standard 5mm hex drive which is available throughout Australia and New Zealand.

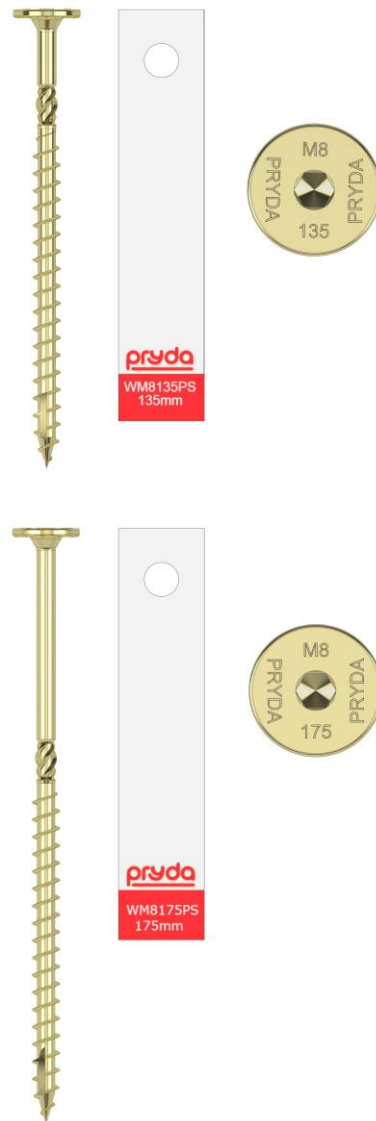
**DURABLE:** Increased thread length for greater capacity than most flat metal stud ties. In addition, two screws can be used in one 90mm stud where only one conventional stud tie is possible.

### SPECIFICATIONS

<b>SCREW PRODUCT CODE</b>	WM8135PS, WM8135PSB WM8175PS, WM8175PSB
<b>COMPLIANCE TAG PRODUCT CODE</b>	TAG-135, TAG-175
<b>STEEL</b>	AISI - 1022 Steel
<b>SCREW SIZE</b>	M8 x 135mm or 175mm with 5mm Hex Drive
<b>CORROSION RESISTANCE</b>	Yellow Zinc Chromate as per AS/NZS 1789 - 2023

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

**NOTE: THE WM8135PS AND WM8175PS MUST NOT BE USED AS A TRUSS TIE DOWN.**



All screws are head stamped to ensure quality and instant identification

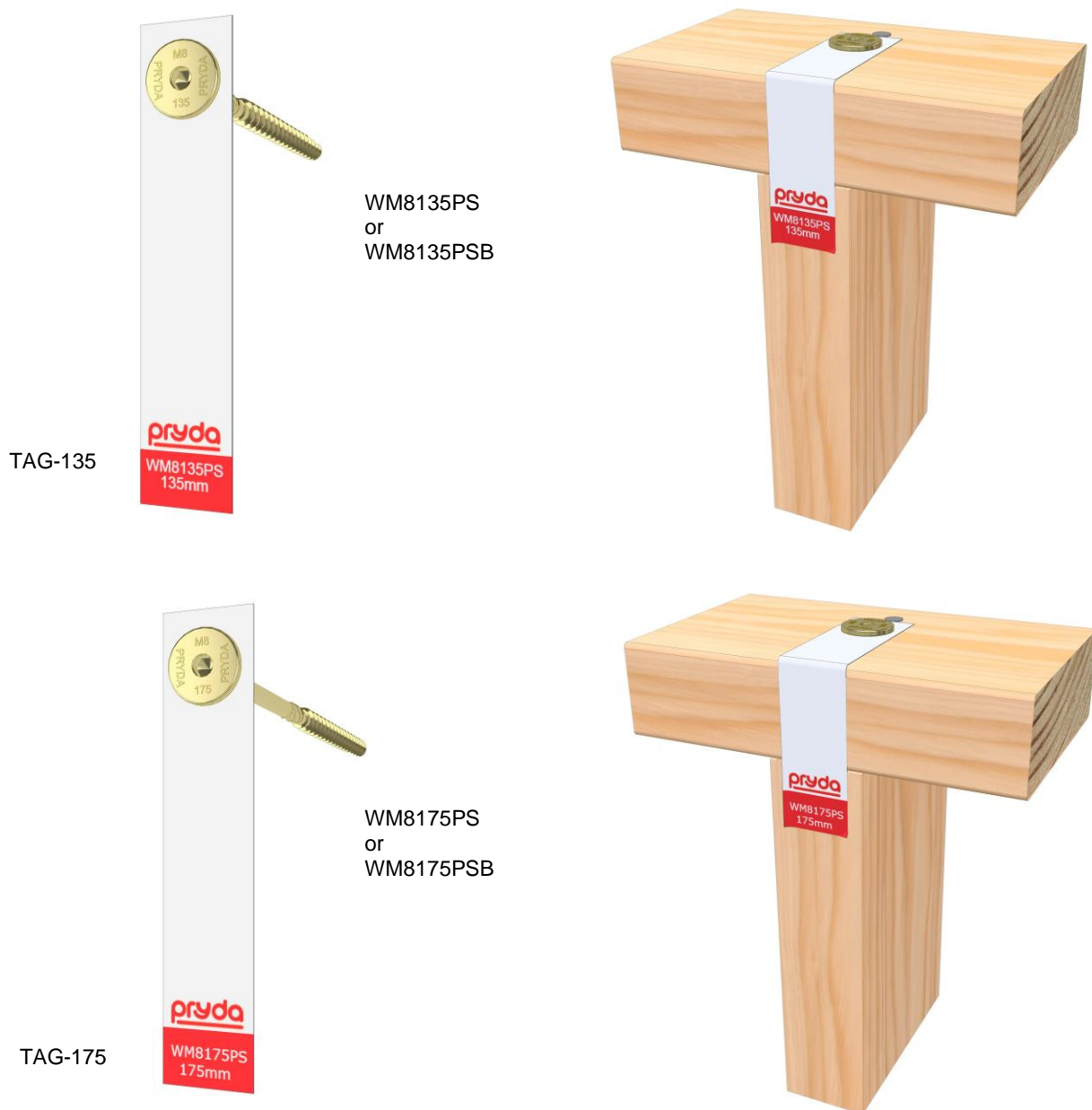
## SCREW AND COMPLIANCE TAG AVAILABILITY

PRODUCT CODE	SIZE	PACK QUANTITY
WM8135PS	M8 X 135mm	50
WM8135PSB	M8 X 135mm	300
WM8175PS	M8 X 175mm	50
WM8175PSB	M8 X 175mm	200
TAG-135		50
TAG-175		50

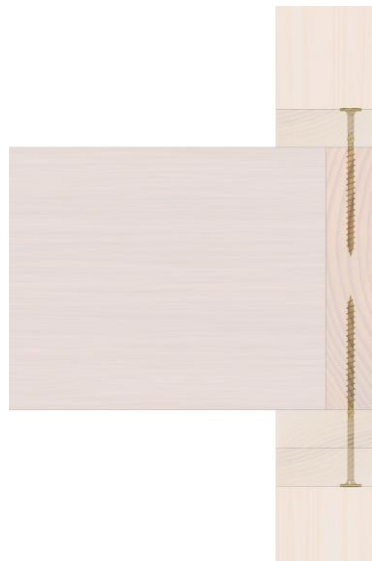
### Note:

WM8135PS and WM8135PSB are the same product in different pack quantities and therefore interchangeable for any applied applications using the M8 x 135mm screw.

WM8175PS and WM8175PSB are the same product in different pack quantities and therefore interchangeable for any applied applications using the M8 x 175mm screw.



# SCREW CAPACITIES



Single 45mm wall plate into side grain.

Double 45mm wall plates into side grain.



Single 45mm wall plate into end grain.



Double 45mm wall plate into end grain.

PRODUCT CODE	SINGLE WALL PLATE
	45mm
WM8135PS	7.2 kN
WM8175PS	9.1 kN

PRODUCT CODE	DOUBLE WALL PLATES
	2 x 45mm
WM8135PS	3.6 kN
WM8175PS	6.8 kN

## Notes:

1. Minimum wall plate width 90mm.
2. Limit State Design capacities are shown in the table for Wind uplift.
3. Design capacities apply for dry (maximum moisture content of 18%) Radiata Pine and Douglas Fir timber grade SG8 and for timber which meets JD5 timber as defined in AS/NZS 1720.
4. Compliance TAG for easy identification shown in detail are sold separately. Identification methods may vary, seek Pryda advice for more details.
5. Screw head is stamped with unique screw size and length identifier.

## APPLICATION AND SCOPE OF USE

Pryda FastFix™ screws are 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).

- Top and bottom plates to stud connection.
- Plate to beam connections.

## 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 FastFix™ screws are only available in Yellow Zinc Chromate as per AS/NZS 1789 - 2023 , 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 <sup>2</sup> /m <sup>2</sup> or LESS	Sheltered	Pryda Stainless Steel 304 Products <sup>(3)</sup>
		Vented MORE than 7000mm <sup>2</sup> /m <sup>2</sup>	Exposed	Pryda Stainless Steel 304 Products <sup>(3)</sup>
	All subfloor fastenings within 600mm of the ground	Sheltered and Exposed		Pryda Stainless Steel 304 Products <sup>(3)</sup>
	All other structural fixings	Sheltered		Pryda Stainless Steel 304 Products <sup>(3)</sup>
Exposed		Pryda Stainless Steel 304 Products <sup>(3)</sup>		
Zone D	All structural fixings	Sheltered and Exposed		Pryda Stainless Steel 304 Products <sup>(3)</sup>

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.

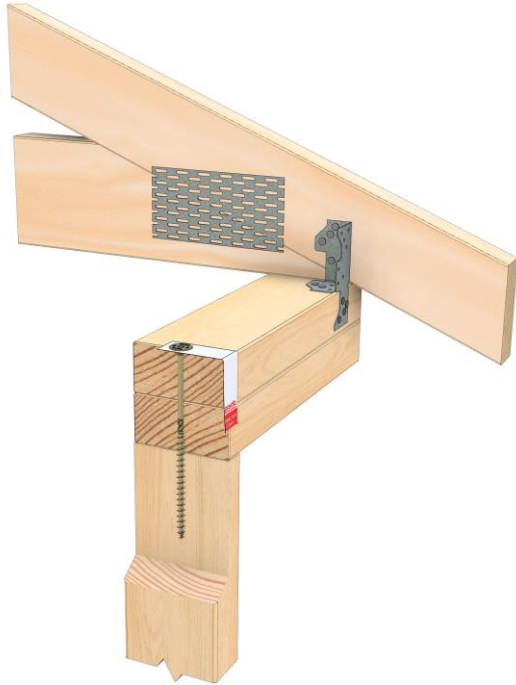
**Clause B2 DURABILITY:** Performance B2.3.1 (a) not less than 50 years and B2.3.2.

**Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1.



## INSTALLATION

Drive the screw vertically at the centreline of the top plate and stud. The screw should be driven so that the head is flush with the top plate.



Pryda Screw used with standard Multigrip secured to ribbon plate. 175mm screw installed through the top plate and ribbon plate.



Pryda Screw used with Long Multigrip secured to top plate. 135mm screw installed through top plate only.

### Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Dra-goon Fasteners Inc
Legal and trading name of supplier	Pryda New Zealand -a Division of ITW New Zealand
Importer address for service	23-29 Poland Road, Wairau Valley, Auckland, 0627, New Zealand
Importer website	Pryda.co.nz
Importer email	info@prydaanz.com
Importer phone number	0800 88 22 44
Importer NZBN	9429039833129

# NZ PRYDA CONNECTOR SCREWS AND NAIL

The Pryda Timber Connector Screw or Nail are specifically designed for fixing Pryda timber connectors. Where a Pryda product specifies Pryda Timber Connector Screw or Nail, be sure to use the genuine product.

## FEATURES AND BENEFITS

**FAST:** Screw self-drilling technology for faster installation.  
Nail one-piece design, stronger than regular clouts, as their heads may pop off under load.

**EASY:** Screw colour head with 'PR' head marking to easily identify genuine Pryda screw, and visually know the length installed.  
Nail tapered head for greater strength and easy penetration.

**DURABLE:** All Pryda connectors specifying a Pryda Timber Connector Screw or Nail have design capacities are in accordance with test results or current, relevant Australian Standards and the Building Code of New Zealand. When used with genuine Pryda Structural Timber Connectors, this will ensure the design strength of the connection and minimum corrosion protection required by NZS 3604:2011 Table 4.3.

## SPECIFICATIONS

<b>PRODUCT CODE</b>	TCS12-35, HH1235SS, HH1475S OSNBCI/SS, OSNGB
<b>STEEL</b>	Nail: Low Carbon Steel to AS2334-1980 Screw: Hardened Steel
<b>FASTENER SIZE</b>	Nails: 35 x 3.15mm Screws: Pryda TCS, 12G x 35mm Zip tip HH1475S, 14G x 75mm Type 17 HH1235SS, 12G x 35mm Type 17
<b>CORROSION RESISTANCE</b>	Nails: Zinc Galvanised or Stainless Steel 316 (Nail)  Screws: Zinc Galvanised, Class 3 or Stainless Steel 304 (Screw)



TCS12-35  
(No.12 x 35mm,  
Zip Tip)



HH1475S  
(No.14 x 75mm,  
Type 17)



OSNBCI/SS,  
OSNGB  
(35 x 3.15mm)



HH1235SS  
(No.12 x 35mm,  
Type 17)

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

## NAILS AND SCREW CAPACITIES

All Pryda connectors specifying a Pryda Timber Connector Screw have design capacities are in accordance with test results or current, relevant Australian Standards and the Building Code of Australia.

Pryda products are structurally adequate provided they are designed, installed, and used completely in accordance with the Pryda Timber Connector Nail or Screw (when specified).

## APPLICATION AND SCOPE OF USE

Pryda fasteners are 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).

## 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.

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 <sup>2</sup> /m <sup>2</sup> or LESS	Sheltered	Pryda Stainless Steel 304 Products <sup>(3)</sup>
		Vented MORE than 7000mm <sup>2</sup> /m <sup>2</sup>	Exposed	Pryda Stainless Steel 304 Products <sup>(3)</sup>
	All subfloor fastenings within 600mm of the ground	Sheltered and Exposed		Pryda Stainless Steel 304 Products <sup>(3)</sup>
	All other structural fixings	Sheltered		Pryda Stainless Steel 304 Products <sup>(3)</sup>
Exposed		Pryda Stainless Steel 304 Products <sup>(3)</sup>		
Zone D	All structural fixings	Sheltered and Exposed		Pryda Stainless Steel 304 Products <sup>(3)</sup>

Notes:

- 1.All Pryda galvanised products comply with NZS3604:2011 Table 4.2.
- 2.Refer to NZS3604:2011 for all environment definitions and Table 4.3 for nails or screw galvanizing.
- 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.

## INSTALLATION

The installation of Pryda products must be strictly in accordance with the instructions in the relevant design guide. Nails can be nailed in using standard hammer. Screws are driven using impact driver with a 5/16" Hex Socket. Pre-drilling may be necessary for high density and prone to split timber such as F17 KDHW or similar hardwoods.

Contact details		Contact details	
Manufacture location	Overseas	Manufacture location	Overseas
Legal and trading name of manufacturer	Dra-goon Fasteners Inc,	Legal and trading name of manufacturer	Wurth Group New Zealand
Legal and trading name of importer	Pryda New Zealand -a Division of ITW New Zealand	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	Importer address for service	23-29 Poland Road, Wairau Valley, Auckland, 0627, New Zealand
Importer website	Pryda.co.nz	Importer website	Pryda.co.nz
Importer email	info@prydaanz.com	Importer email	info@prydaanz.com
Importer phone number	0800 88 22 44	Importer phone number	0800 88 22 44
Importer NZBN	9429039833129	Importer NZBN	9429039833129
Product Skus	TCS12-35/1K	Product Skus	HH1235SS, HH1475S

Contact details	
Manufacture location	Overseas
Legal and trading name of manufacturer	Shanghai Yueda Nail Co 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
Importer website	Pryda.co.nz
Importer email	info@prydaanz.com
Importer phone number	0800 88 22 44
Importer NZBN	9429039833129
Product Skus	OSNBCI/SS, OSNGB

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**[www.pryda.co.nz](http://www.pryda.co.nz)**

**FOR MORE INFORMATION CALL 0800 88 22 44 OR EMAIL [INFO@PRYDA.CO.NZ](mailto:INFO@PRYDA.CO.NZ)**