

# NZ FASTFIX™ STUD TO WALL PLATE SCREW

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>PRODUCT CODE</b>	WM8135PS, WM8175PS
<b>COMPLIANCE TAG PRODUCT CODE</b>	TAG-135, TAG-175
<b>STEEL</b>	ASI - 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.

Manufactured in Taiwan to Pryda design and specifications.

**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 CAPACITIES



PRODUCT CODE	SINGLE WALL PLATE	
	35mm	45mm
<b>WM8135PS</b>	7.9 kN	7.1 kN

PRODUCT CODE	DOUBLE WALL PLATE	
	2 x 35mm	2 x 45mm
<b>WM8135PS</b>	5.1 kN	3.5 kN
<b>WM8175PS</b>	7.9 kN	6.7 kN

**Notes:**

1. Minimum wall plate width 90mm.
2. Limit State Design capacities are shown in the table for Wind uplift.
3. Design capacities applies for dry (maximum moisture content of 18%) Radiata Pine and Douglas Fir timber grade SG8 and for timber which meets JD5 timber in accordance with NZS3604.

## 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). Fastener material type shall match the selected Pryda product. i.e., Galvanised fasteners with galvanised products. Stainless Steel fasteners with stainless steel products.

- 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.

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)

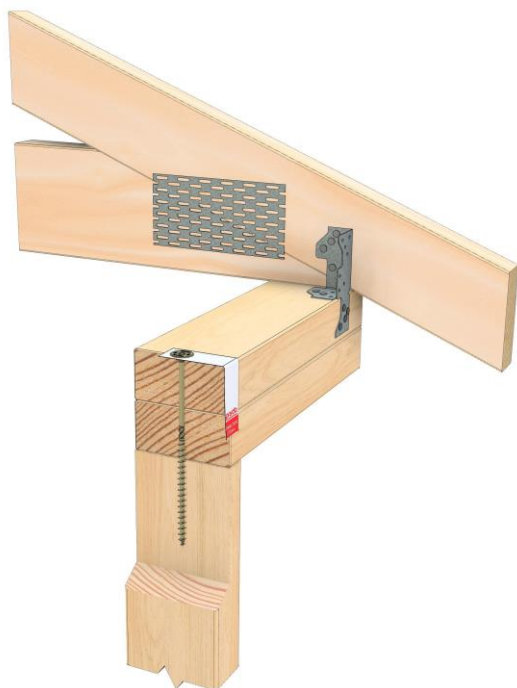
**Clause B1 STRUCTURE:** Performance B1.3.1, B1.3.2 and B1.3.4. Loads arising from self-weight, imposed gravity loads arising from use, earthquake, snow, and wind. (i.e., B1.3.3 (a), (b), (f), (g), and (h)). Only some may apply for a specific use of the component.

**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 INFORMATION**

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