

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

SCREW PRODUCT CODE	WM8135PS, WM8135PSB WM8175PS, WM8175PSB
COMPLIANCE TAG PRODUCT CODE	TAG-135, TAG-175
STEEL	AISI - 1022 Steel
SCREW SIZE	M8 x 135mm or 175mm with 5mm Hex Drive
CORROSION RESISTANCE	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

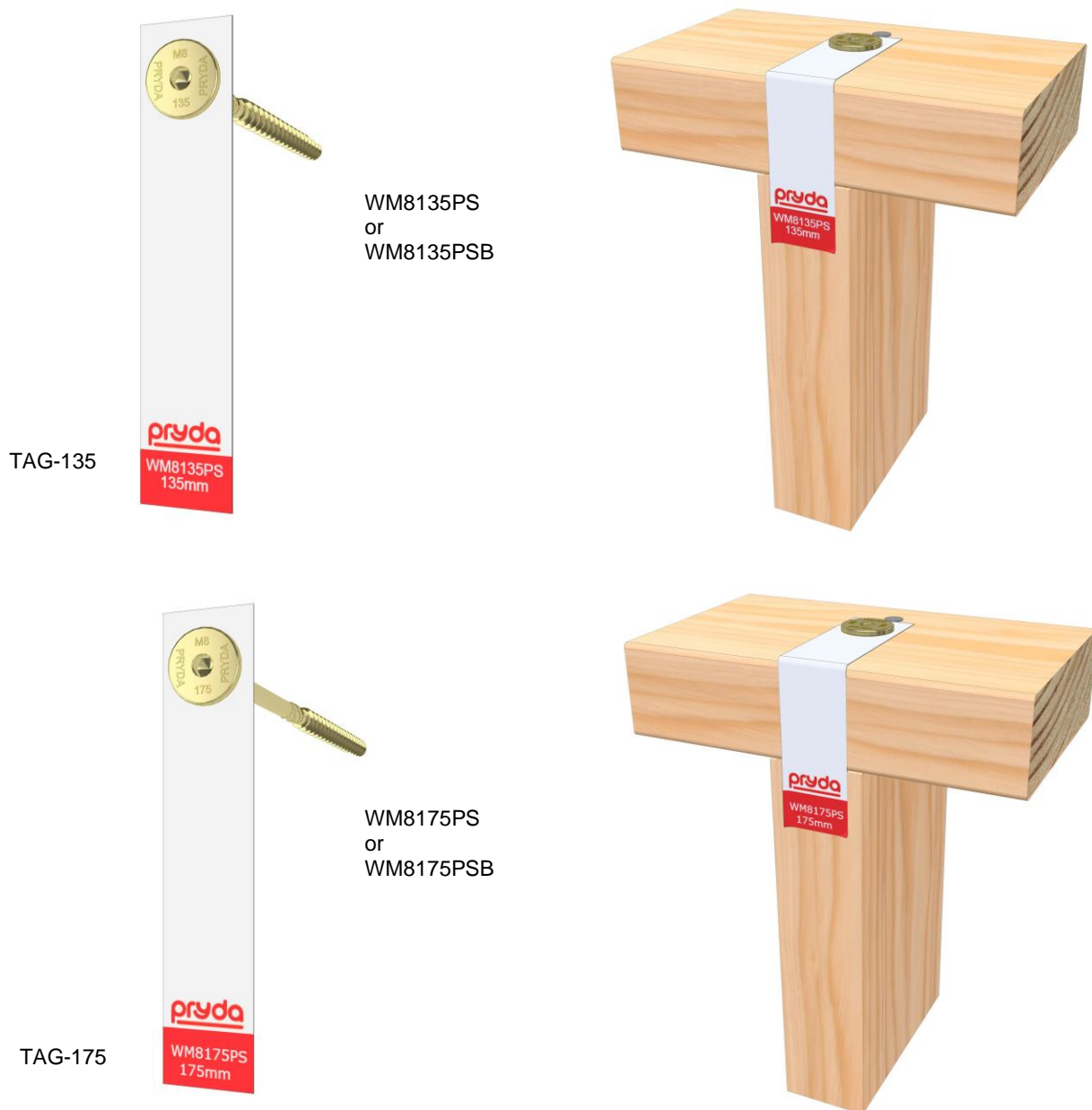
SCREW AND COMPLIANCE TAG AVAILABILITY

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

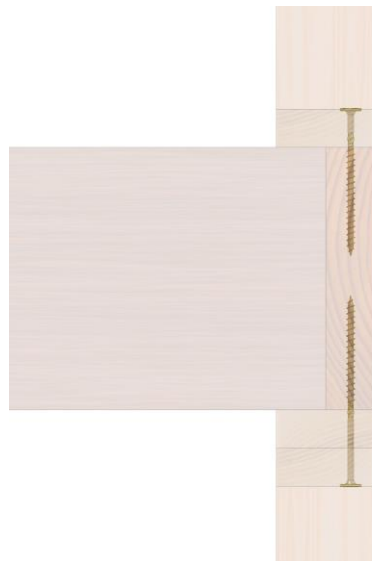
Note:

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 exceed 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 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)

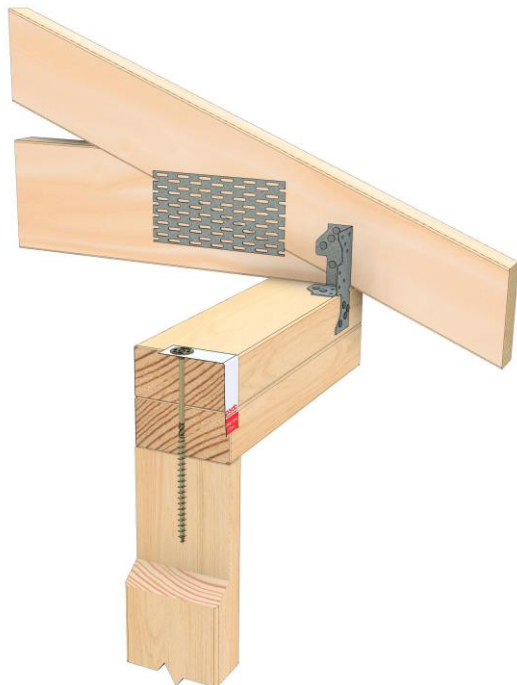
Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4. Loads arising from self-weight, imposed gravity loads arising from use, earthquake, snow, and wind. (i.e., B1.3.3 (a), (b), (f), (g), and (h)). Only some may apply for a specific use of the component.

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.

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.