

NZ BOTTOM PLATE ANCHOR

The Pryda Bottom Plate Anchor is a pressed steel bracket for fixing timber wall plates to concrete floors. Removes the need to pre-drill bottom plates. Cost saving over anchor bolts.

FEATURES AND BENEFITS

SIMPLE: Easier wall frame placement - no drilling of plates and no lifting / locating over preplaced bolts.

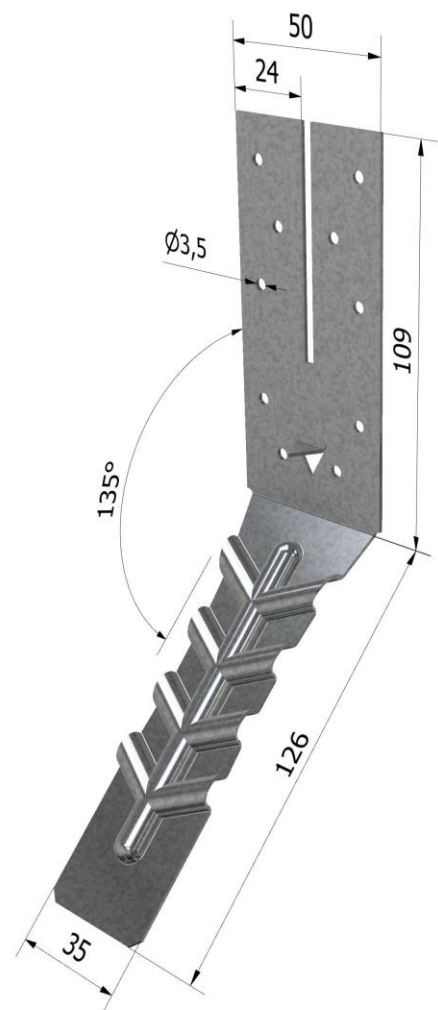
FAST: Speedier concrete finishing - allows floating to slab edge and avoids messy hand trowelling around cast-in bolts.

DURABLE: 1.2mm G300 Z600 galvanised steel.

SPECIFICATIONS

PRODUCT CODE	BPA
STEEL	G300
THICKNESS	1.2mm
CORROSION RESISTANCE	Z600
FASTENER	Pryda 35 x 3.15mm Timber Connector Nails
PRODUCT DIMENSION	235 x 50mm

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



*All dimensions shown in "mm".

BOTTOM PLATE ANCHOR

PRODUCT CODE	MATERIAL	THICKNESS (mm)	LENGTH (mm)	WIDTH (mm)
BPA	G300 Z600 Galvanised Steel	1.2mm	588	80

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 Bottom Plate Anchor is only available in Z600, 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	Pryda Stainless Steel 304 Products ⁽³⁾
		Vented MORE than 7000mm ² /m ²	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.

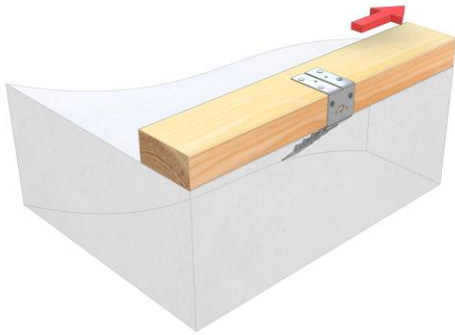
COMPLIES WITH THE FOLLOWING PROVISIONS OF THE NEW ZEALAND BUILDING CODE (NZBC)

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.

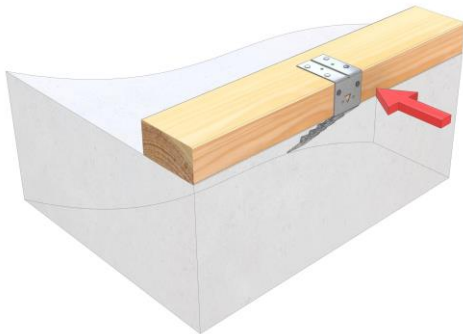
Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1

DESIGN CAPACITIES



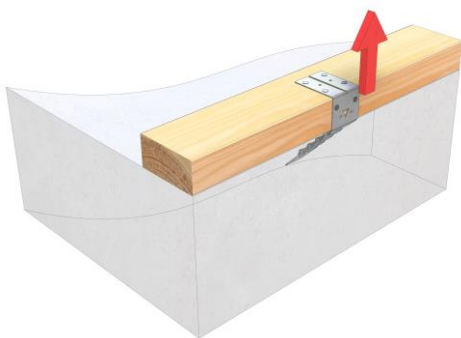
Along Plate

Basic Load	= 2.2 kN
Design (W or E)	= 3.9 kN
Capacity	= 6.4 kN



Across Plate

Basic Load	= 1.6 kN
Design (W or E)	= 2.8 kN
Capacity	= 5.1 kN



Uplift

Basic Load	= 2.5 kN
Design (W or E)	= 4.4 kN
Capacity	= 8.0 kN

*Product testing by Monash University Melbourne (NATA Registered Laboratory)

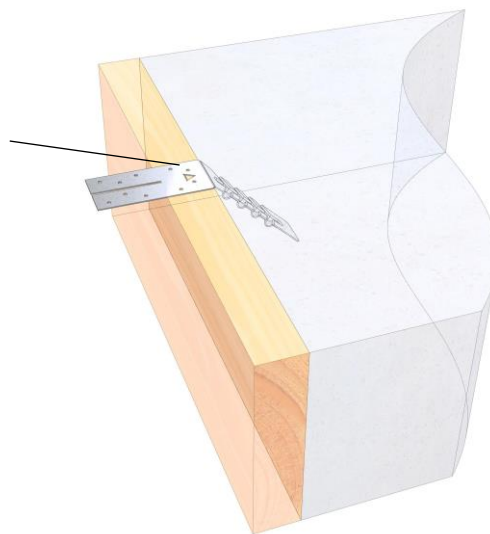
APPLICATION AND SCOPE OF USE

Alternative to NZS 3604:2011 Bolt/ Dowel fixing of timber wall plate to concrete slab.
Pryda Bottom Plate Anchor 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

1. Tack nail anchors to top edge of boxing at maximum 900mm centres (if wall contains sheet brace element, one anchor must be positioned 250mm from sheet edge). Position anchors with tabs horizontal and crimped end downwards at 45° angle. Locate anchor along formwork to required positions. It is the site supervisor's responsibility to ensure that all safety procedures are in place to protect areas with overhang anchor tabs. i.e., Cordon off area until tabs are fully installed and out of the way.

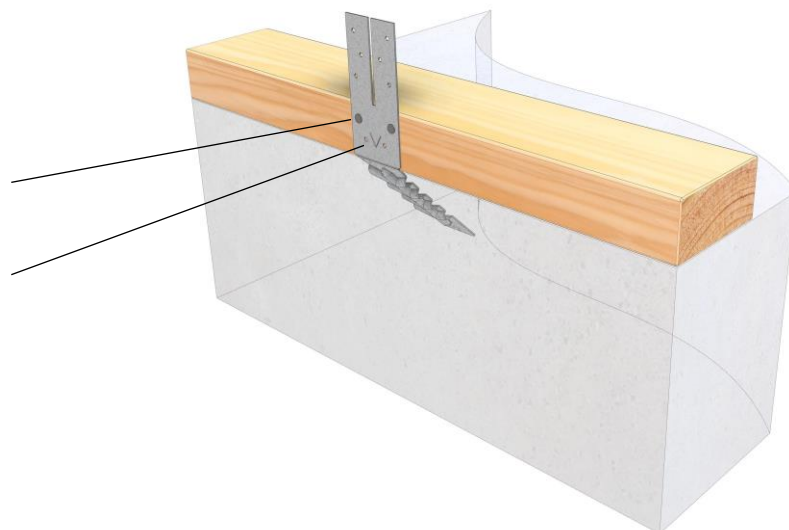
Tack anchor on to top edge of formwork using temporary fixing spike.



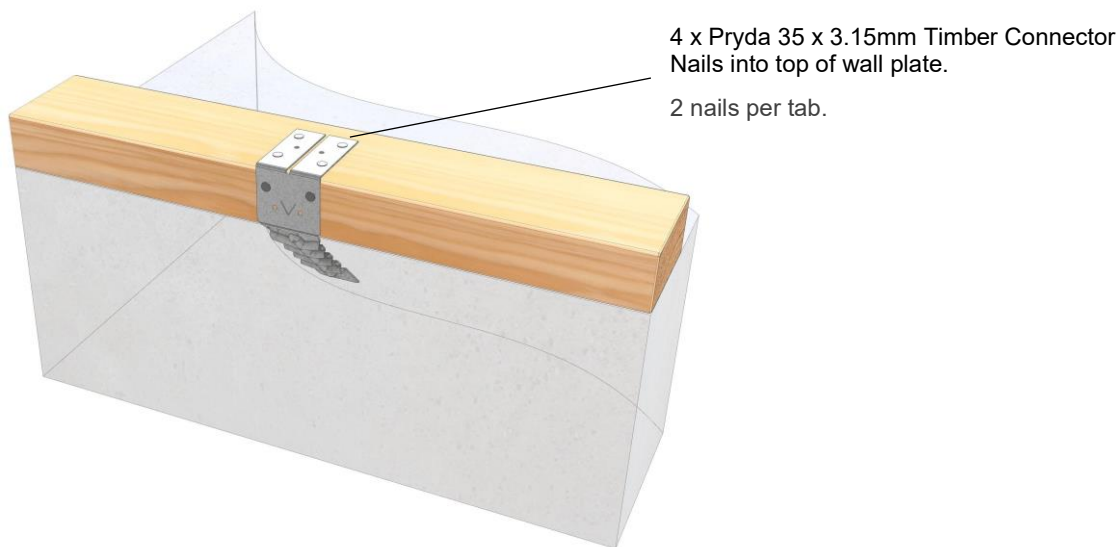
2. After initial concrete cure, position wall frame. Bend anchor up and fix 2 nails into edge.

2 x Pryda 35 x 3.15mm Timber Connector Nails into edge.

Flatten temporary fixing spike.



3. Bend anchor over plate and nail with 4 x Pryda 35 x 3.15mm Timber Connector Nails -2 per tab. If tabs coincide with stud position, nail to stud with 2 per tab.



4. Fix one 75 x 4mm concrete nail adjacent to anchor, minimum 70mm from edge and slab

Note: Bottom plate fixings are designed to be used in DRY service conditions - i.e., with concrete protected from moisture by continuous damp proof membrane.

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