CodeMark

Certificate no: CMNZ10028
Version: 03
Original issue date: 27 March 2024
Version date: 22 September 2026

1. Certificate Holder Details

pryda

ITW New Zealand Ltd
t/a Pryda New Zealand
23-29 Poland Road
Wairau Valley
Auckland 0627
Tel: 0800 882 244
Email: info@prydaanz.com
Web: http://www.pryda.co.nz

2. Product Certification Body

BRANZ Limited
1222 Moonshine Road
RD1, Porirua 5381
Private Bag 50 908
Porirua 5240
Tel: 04 237 1170
Email: assuranceservices@branz.co.nz
Web: branz.nz

Complaints: The complaints process for this certificate can be found here: https://www.branz.co.nz/codemark-info/complaints-and-appeals/ https://www.branz.co.nz/codemark-info/complaints-and-appeals/

BRANZ

Product Certificate

Pryda Connectors and Engineered Systems - Foundation Fixings

3. Description of Building Method or Product

Pryda Connectors and Engineered Systems - Foundation Fixings are a range of metal plate connectors manufactured from galvanised steel coil or sheet, or from stainless steel. For more product details, refer to Section 10.

This Product Certificate covers the following Foundation Fixings:

- NZ Pryda Stud Anchor
- NZ Pole to Girt Bracket
- NZ Pryda Sheet Brace Strap

4. Intended use of Building Method or Product

Pryda Connectors and Engineered Systems - Foundation Fixings are a range of structural connectors for the following uses:

- The NZ Pryda Stud Anchor is for fixing timber studs to timber bottom plates to prevent uplift with a capacity of 6 or 12 kN in accordance with NZS 3604.
- The NZ Pole to Girt Bracket is for fixing timber girts to a timber post or round timber pole with load capacities for different load cases as detailed in the Reference Documents for Specific Engineering Design use.
- The NZ Pryda Sheet Brace Straps are for use in timber-framed walls and can be used to fix timber studs to timber bottom plates, timber lintels to timber studs and timber studs to timber floor framing to prevent uplift with a capacity of 7.5 kN in accordance with NZS 3604.

5. New Zealand Building Code Provisions

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)) (contributes).

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.

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6. Conditions and Limitations of Use

- Applications are limited to timber-framed structures designed in accordance with NZS 3604.
- Pryda Connectors and Engineered Systems – Foundation Fixings shall be:
  - Used for buildings within the limitations of NZS 3604; and,
  - Product material and corrosion resistance coating shall be as specified in NZS 3604. The fastener material shall match the material of the selected product; and,
  - Used in accordance with the limitations stated in the Reference Documents; and,
  - Installed in accordance with the installation instructions detailed in the Reference Documents, in particular, the number, specification and fixing pattern of the fasteners must be followed; and,
  - Used with minimum JD5 timber as defined in NZS AS 1720.1.
- The following product specific limitations shall apply:
  - NZ Pryda Stud Anchor has a design capacity of 6 kN when used as a single stud anchor and 12 kN when used in pairs.
  - NZ Pole to Girt Brackets shall be installed in pairs to the top and underside of the girt as defined in the Reference Documents.
  - NZ Pryda Sheet Brace Strap has a design capacity of 7.5 kN.

REFERENCE DOCUMENTS:

This Product Certificate must be read in conjunction with:

- Pryda Product Data Sheet, NZ Pryda Stud Anchor, December 2023, V1.03.
- Pryda Product Data Sheet, NZ Pole to Girt Bracket, December 2023, V1.03.
- Pryda Product Data Sheet, NZ Pryda Sheet Brace Straps, December 2023, V1.02.
- Pryda Product Data Sheet, NZ Pryda Connector Screws and Nail, December 2023, V1.05.

7. Health and Safety Information

Pryda Connectors and Engineered Systems - Foundation Fixings are manufactured from galvanised steel or stainless steel. Manufacturer's instructions and typical practices for working with, handling and maintaining these materials should be observed.

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8. Basis for Certification

The following evaluations have been carried out on Pryda Connectors and Engineered Systems - Foundation Fixings to determine compliance with the NZBC:

- Compliance with NZBC B1 Structure performance requirements was determined by a BRANZ SME through assessing test reports of the products against NZS 3604 requirements and claims made within the Reference Documents.
- Compliance with NZBC B2 Durability performance requirements was determined by a BRANZ SME through assessing the scope limitations of the individual components against the material requirements of NZS 3604.
- Compliance with NZBC F2 Hazardous Building Materials performance requirements was determined by a BRANZ SME through assessing the different grades of materials and their uses.
- The Reference Documents have been examined by BRANZ and found to be satisfactory.
- The quality of supply to market is the responsibility of ITW New Zealand Ltd (t/a Pryda New Zealand).
- Building designers are responsible for the design of the building, and for the incorporation of the Pryda Connectors and Engineered Systems - Foundation Fixings into their design in accordance with this Product Certificate and the Reference Documents.
- Quality of installation is the responsibility of the installer in accordance with the Reference Documents of ITW New Zealand Ltd (t/a Pryda New Zealand).

9. Supporting Documentation for Certification

- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure, Second Edition, 28 July 2025.
- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability, Third Edition, 28 July 2025.
- Acceptable Solutions and Verification Methods for New Zealand Building Code Clause F2 Hazardous Building Materials, First Edition, Amendment 3, 1 January 2017.
- BRANZ Ltd Structures Test Report TP17360-A-01, Pryda Connection Testing Group A, dated 23 February 2024.
- Ministry of Business, Innovation and Employment Record of amendments – Acceptable Solutions, Verifications Methods and handbooks.
- NZS AS 1720.1:2022 Timber structures.
- NZS 3604:2011 Timber-framed buildings.
- The Building Regulations 1992.

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10. Supporting Information About Description

PRODUCT SPECIFICATION

- **NZ Pryda Stud Anchor** is available as a 6 or 12 kN stud tie-down and is manufactured from G300 Z275 steel with a BMT of 2 mm. The dimensions are 85 x 30 x 80 mm. It is fastened with NZ Pryda Timber Connector Nails or 12 g x 35 mm NZ Pryda Timber Connector Screws. The product code is SBA. The product is identified on the product packaging label by the product code and product name.
- **NZ Pole to Girt Brackets** are used to fix timber girts to a timber post or round timber pole and are manufactured from G300 Z275 steel or Grade 304 stainless steel with a BMT of 0.95 mm. They are fastened with NZ Pryda Timber Connector Nails and are used in pairs. The dimensions are 50 x 50 x 110 mm. The product code is NPP2G for galvanised steel and NPP2G/S for stainless steel. The product is identified on the product packaging label by the product code and product name.
- **NZ Pryda Sheet Brace Straps** are tie-down fixings for wall panels and are manufactured from G300 Z275 steel or Grade 304 stainless steel with a BMT of 1 mm. They are 25 mm wide and available in the following lengths: 300 mm (product codes SBS300 for galvanised steel and SBS300/S for stainless steel); 400 mm (product codes SBS400 for galvanised steel and SBS400/S for stainless steel); 600 mm (product codes SBS600 for galvanised steel and SBS600/S for stainless steel); 10 m (galvanised steel only, product code SBS10M); and 30 m (galvanised steel only, product code SBS30M). They are fastened using NZ Pryda Timber Connector Nails. The product is identified on the product packaging label by the product code and product name.

Accessories supplied by Pryda New Zealand:

- **NZ Pryda Timber Connector Nails** are 35 x 3.15 mm and are manufactured from galvanised steel or Grade 316 stainless steel. The product codes are OSNGB or OSNBCI/SS. The product is identified on the product packaging label by the product code and product name.
- **NZ Pryda Timber Connector Screws** are available in 12 g x 35 mm (product code TCS12-35) and 12 g x 65 mm (product code TCS12-65). They are zinc galvanised, Class 3. The product is identified on the product packaging label by the product code and product name.

11. Supporting Information About Intended Use

INSTALLATION REQUIREMENTS

Installation must be carried out in accordance with the Reference Documents and NZS 3604.

BUILDING CODE

B1 STRUCTURE

Pryda Connectors and Engineered Systems - Foundation Fixings will resist structural loads likely to be encountered in normal use.

B2 DURABILITY

Pryda Connectors and Engineered Systems - Foundation Fixings, when installed in accordance with the details given in the Reference Documents and NZS 3604, meet code compliance with NZBC Clause B2.3.1 (a) not less than 50 years as a building element that provides structural stability to a building.

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F2 HAZARDOUS BUILDING MATERIALS

Pryda Connectors and Engineered Systems - Foundation Fixings meet code compliance with NZBC Clause F2.3.1.

12. Supporting Information About Conditions and Limitations of Use

All conditions and limitations provided as stated in this Product Certificate.

Signatures



Claire Falck
CEO, BRANZ Limited.

All CodeMark certificates that are current much be registered with MBIE. MBIE maintains a register of valid product certificates. Please find the register here.

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.

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