PRODUCT DATA SHEET

# NZ PRYDA TIMBER CONNECTOR SCREWS AND NAILS

CodeMark CERTIFIED

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 the nail 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. 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

| | |
|---|---|
| PRODUCT CODE | TCS12-35/100, TCS12-35/1K, HH1235SS, HH1475G, OSNBCI/SS, OSNGB |
| STEEL | Nail: Low Carbon Steel to AS2334-1980<br>Screw: Hardened Steel |
| CORROSION RESISTANCE | Nails: Zinc Galvanised or Stainless Steel 316<br>Screws: Zinc Galvanised, Class 3 or Stainless Steel 304 |
| FASTENER SIZE | Nail: 35 x 3.15mm<br>Screw: 12G x 35mm and 14G x 75mm |

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



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



HH1475G
(No.14 x 75mm,
Type 17)



OSNBCI/SS,
OSNGB
(35 x 3.15mm)



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

# PRODUCT AVAILABILITY

| PRODUCT CODE | SIZE | PACK QUANTITY |
|---|---|---|
| TCS12-35/100 | 12G x 35mm self-drilling, Hex head, Class 3, Red head | Box of 100 screws |
| TCS12-35/1K | 12G x 35mm self-drilling, Hex Head, Class 3, Red head | Box of 1000 screws |
| HH1235SS (Stainless Steel) | 12G x 35mm Hex head T17 | Pack of 100 screws |
| HH1475G | 14G x 75mm Hex head T17 | Pack of 100 screws |
| OSNGB | 35 x 3.15mm | 500g Carton - 10 Cartons per outer |
| OSNBCI/SS (Stainless Steel) | 35 x 3.15mm | 500g Carton - 1 Box |

* Approximately 180 nails per 500g carton.

# NAILS AND SCREWS CAPACITIES

All Pryda connectors specifying a Pryda Timber Connector Screw have design capacities are in accordance with test results.

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$^2$/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 NZS 3604:2011 Table 4.2.
2. Refer to NZS 3604:2011 for all environment definitions and Table 4.3 for nails or screw galvanising.
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 | |
|---|---|
| Manufacture location | Overseas |
| Legal and trading name of manufacturer | Dra-goon Fasteners Inc |
| 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 | TCS12-35/100, TCS12-35/1K |

| 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 |

| Contact details | |
|---|---|
| Manufacture location | Overseas |
| 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 |
| 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 | HH1235SS, HH1475G |