bbi wood products

27 Pōporo Way,
Longlands, Hastings
Hawke's Bay

0800 224 759
sales@bbi.net.nz
www.bbi.net.nz

BUILDING PRODUCT INFORMATION SHEET

CLASS 1 – November 2026

Product Name: bbi Tolko **T-STRAND Pro** OSB Flooring

Product Description and Intended Use:

bbi Tolko T-STRAND Pro OSB (orientated strand board) is an engineered wood product that is made in Canada and is designed for general or specific design use for both residential and commercial buildings as a wood-based flooring panel.

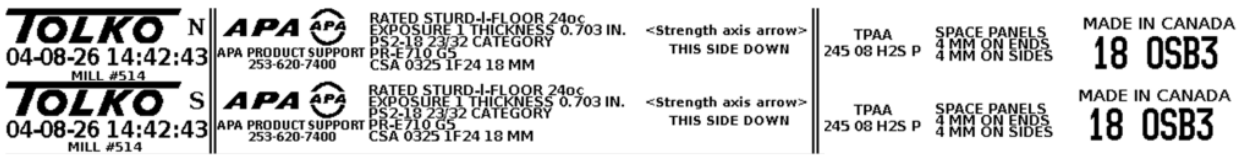
Tolko OSB is a wood strand-based panel product is made with in-plant manufacturing standards approved and certified by the North American APA-The Engineered Wood Association being the mark of quality, for product conformity and manufacturing. The T-STRAND Pro OSB panels are manufactured with the combination of wood flakes, adhesive, wax and preservative treatment zinc borate for decay and insect resistance to a retention level equivalent to that specified as Hazard Class H2S in accordance with AS/NZS1604.1:2021.

The OSB strands in the panel product are produced from PEFC (Programme for the Endorsement of Forest Certification) certified sustainable Aspen Pine plantations to exacting specifications from renewable, recyclable and biodegradable forest resources.

Supplied and made available in the nominal thickness of 18.3mm (23/32”), with panel sizes of 2400 & 3600 x 1200mm with a machined tongue and groove joint on the long edge, unsanded and strands treated with zinc borate (H2S) preservative treatment in accordance with AS/NZS1604.1:2021.

Product Identifier:

Tolko OSB can be identified by the markings on the sheets. The sheets are marked in accordance with APA trademarks and certification. An example of a treated Tolko T-STRAND Pro OSB panel:



Place of Manufacture: Canada (Overseas)

Legal and Trading Name of Manufacturer: Tolko Industries Limited

Address for Service:

Tolko Industries Ltd.

P.O Box 39

Vernon BC V1T 6M1

Canada

Website: **www.tolko.com**

Legal and Trading Name of Importer: bbi Wood Products Ltd

New Zealand Business Number (NZBN): 9429033930442

Address for Service:

27 Poporo Way, Longlands,

Hastings,

New Zealand

Website: www.bbi.net.nz

Email Address: sales@bbi.net.nz

Phone Number: 0800 224 759

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Relevant New Zealand Building Code Clauses:

- Clause B1 Structure: Performance: B1.3.1, B1.3.2, B1.3.3, (a, h, j, k, q)
- Clause B2 Durability Performance: B2.3.1 (b)
- Clause F2 Hazardous Building Materials Performance: F2.3.1

Statement on how the building product is expected to contribute to compliance:

bbi Tolko T-STRAND Pro Oriented Strand Board (OSB) may be used in general or specific design applications as a wood-based flooring panel. Tolko T-STRAND Pro OSB is made with in-plant manufacturing standards approved and certified by the North American APA-The Engineered Wood Association being the mark of quality, for product conformity and manufacturing and contributes to meeting the following provisions of the New Zealand Building Code:

Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.3:

T-STRAND Pro OSB is mill certified by the third-party quality assurance trade association APA, with the engineered wood panel of OSB being manufactured in accordance with the PS2-18 Performance Standard for Wood Structural Panels and OSB/3 grade (load bearing in dry or humid conditions), and the associated APA trademarks which is recognised by the IBC (International Building Code).

Clause B2 Durability: Performance B2.3.1, B2.3.2 when detailed in accordance with NZS3602 and treated to the requirements of AS/NZS1604.1:2021:

T-STRAND Pro OSB is manufactured to adhere with the requirements of the NZBC Clause B2 Durability. When the product is specified and used in accordance with NZS3602, good design, proper architectural detailing and building practices, and treated to the required preservative treatment levels in accordance with AS/NZS1604.1:2021, it will form part of the Acceptable Solution contributing to the requirements of the NZBC (B2/AS1).

Clause F2 Hazardous Building Materials: Performance F2.3.1:

T-SRAND Pro OSB meets the requirements and will not present a hazard to people.

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T-STRAND Pro OSB product, specified in accordance with New Zealand Building Code (NZBC) Clause B1/VM1 (B1 Structure Verification Method) or specified in accordance with B1/AS1 (B1 Structure Acceptable Solutions) is suitable for use as an engineered structural panel within structural systems as designed and specified by suitably qualified professionals and engineers. The installation and detailing of the T-STRAND Pro OSB is to be installed in accordance with the specifications and details as provided by the design professionals and engineers.

The durability of T-STRAND Pro OSB must be detailed and specified by the suitably qualified design professionals and engineers to meet the requirements for a timber-based wood panel product of the NZBC Durability Clause B2 (B2 Durability).

T-STRAND Pro OSB will continue to contribute to the relevant performance requirements of the New Zealand Building Code for 50 years (or other statutory time frames as specified by the designer or specifier of the project) provided that the specific design parameters of the project are met and satisfied accordingly.

Limitations on the use of the building product:

- T-STRAND Pro OSB panels are H2S preservative treated with Zinc Borate and must not be installed as part of flexible membrane substrate, direct wet area applications, or have long-term exposure to the elements or weather.
- Appropriate clearances to ground must be provided to meet durability requirements as detailed by the suitably qualified design professionals and engineers.
- OSB cannot be directly exposed or left unprotected to the weather and the sun for extended periods of time or more than 90 days from first installed. Excessive moisture and swelling may reduce the characteristic strength values of the panels.

Design requirements that would support the appropriate use of the building product:

T-STRAND Pro OSB when specified and designed by a designer or engineer as a structural engineered wood panel in accordance with the Verification Methods B1/VM1 or Acceptable Solutions B1/AS1, and utilising NZS 3604:2011 or specific design methods, the product can be used as a structural flooring panel for applications in both residential and commercial buildings, subject to the compatibility of materials in contact and the preservative treatment levels of the OSB.

Good detailing and design will ensure the product will perform as intended during its serviceable life and contribute to the overall durability of the OSB panels.

Installation requirements:

T-STRAND Pro OSB must be installed with good building design, proper architectural detailing, robust construction methodology and installation when specified by the engineer, a suitably qualified design professional or the specifier of the project.

Refer to the "bbi OSB Flooring Specification Guide" for further installation requirements and guidance information.

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Maintenance requirements:

T-STRAND Pro OSB will not normally require maintenance with good building design and proper architectural detailing.

Where there are circumstances where other products or coatings, have been applied, maintenance will be in accordance with the proprietary systems manufacturer's specifications and requirements.

Should the OSB panels be damaged during its serviceable life, it would be recommended to replace the panel to ensure the serviceable life requirements are met, and the specified durability and panel integrity is maintained.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

☐ **Yes** ☒ **No**

Date: 12 November 2026