

Certificate no: CMNZ70149

Version: 1

Original issue date: 03 September 2024

Version date: 20 September 2024

1. Certificate Holder Details



Independent Wholesale Distribution Ltd
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2. Product Certification Body

Bureau Veritas Australia Pty Ltd
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Complaints: The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

Sam Guindi – Bureau Veritas Product Certification Manager



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Product Certificate

IWD Floorboard Orange Tongue and Burgundy Tongue

3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use. Continuation of description can be found in item 10 – Supporting Information about Description. [Delete if not applicable]. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

IWD Floorboard is structural grade particleboard flooring. Sheets are manufactured with a groove along each long edge and plastic tongue inserted into the groove along one of the edges. The ends of the sheets are square edged. The sheets are marked with the thickness of the board on the underside.

Orange tongue is 19 mm and intended for use in domestic and some commercial buildings, designed for both platform and fitted flooring construction methods.

Burgundy Tongue is 22mm thick to allow for maximum joist centre span of 600mm.

IWD Floorboard is available in the following sheet sizes:

- 3600mmx900mmx19mm Orange plastic tongue
- 3600mmx900mmx22mm Burgundy plastic tongue

4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use. [Delete if not applicable]

IWD Floorboard is a structural tongue & groove board for flooring and as a floor diaphragm.

5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

Clause B1 Structure: Performance Clauses B1.3.1, B1.3.2, B1.3.3(a, b, f, h, j), B1.3.4

Clause B2 Durability: Performance Clauses B2.3.1(a), B2.3.2(a)

Clause C3 Fire affecting areas beyond the fire source: Performance Clauses C3.4 (b)

Clause F2 Hazardous building materials: Performance Clauses F2.3.1



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6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. IWD Floorboard is certified for use:
 - a. in buildings
 - i. designed in accordance with NZS3604:2011;
 - ii. specifically designed in accordance with B1/VM1, and
 - b. where the uniformly distributed floor load is not more than 2 kPa and the floor joist spacings are not more than 450 mm for 19 mm Floorboard (Orange tongue) and 600 mm for 22 mm Floorboard (Burgundy tongue), and
 - c. in all locations except sleeping areas and exit ways in buildings where care or detention is provided (unless the building is protected with an automatic fire sprinkler system).
2. IWD Floorboard shall be:
 - a. installed in accordance with the IWD Design, Installation and Maintenance Guide, V1.1 August 2024, and
 - b. fixed with nails where it is used as a structural diaphragm, and
 - c. protected by a membrane or other impervious finish when installed in wet and splash areas in accordance with IWD Design, Installation and Maintenance Guide, V1.1 August 2024, and
 - d. protected from exposure to the weather within 5 months of installation.
3. The subfloor shall be ventilated and protected from external moisture.

7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure - By testing and comparison with Acceptable Solution B1/AS1 and referenced standard NZS3604:2011

B2 Durability - By analysis and comparison with Acceptable Solution B2/AS1 and referenced standard NZS3602:2003

C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solution C/AS2 and Verification Method C/VM2

F2 Hazardous building materials - By comparison with the performance requirements of Building Code clause F2.3.1



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9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 21), 2 November 2023
3. C/VM2 Verification Method: Framework for Fire Safety Design For New Zealand Building Code Clauses C1-C6 Protection from Fire (Amendment 7), 2 November 2023
4. NZS3602:2003 Timber and wood-based products for use in buildings
5. NZS3604:2011 Timber framed buildings
6. AS/NZS 1860.1:2017 Particleboard Flooring
7. D&R Henderson Safety Data Sheet, Floorboard, 29 July 2020
8. EWPAA Report 20200116-145611, Test Report: Reconstituted Wood Products Testing AS/NZS 1860.1 Particleboard Flooring, 16 January 2020
9. Timber Testing Centre Report 20210504-104939, Test Report: Reconstituted Wood Products Testing AS/NZS 1860.1 Particleboard Flooring, 4 May 2021
10. Timber Testing Centre Report 20231020-085256, Test Report: Reconstituted Wood Products Testing AS/NZS 1860.1 Particleboard Flooring, 20 October 2023
11. Timber Testing Centre Report 20240322-111013, Test Report: Reconstituted Wood Products Testing AS/NZS 1860.1 Particleboard Flooring, 22 March 2024
12. AWTA Test report No 7-555808-CV, Tested in accordance with ISO 9239 Reaction to fire tests for flooring– Part 1: Determination of the burning behaviour using a radiant heat source, 22 October 2007
13. IWD Design, Installation and Maintenance Guide, V1.1 August 2024

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

N/A

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A



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12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A

All CodeMark certificates that are current must 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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