

Certificate no: CMNZ70046

Version: 3

Original issue date: 30 April 2020

Version date: 27 July 2026

## 1. Certificate Holder Details



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## 2. Product Certification Body

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**Complaints:** The complaints process for this certificate can be found here:

[www.bureauveritas.com.au/your-feedback](http://www.bureauveritas.com.au/your-feedback)

Sam Guindi – Bureau Veritas Product Certification Manager

# Product Certificate

## Abodo Weatherboard Cladding System



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## 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. 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.

The Abodo Weatherboard Cladding System consists of weatherboards fixed to cavity battens forming a drained cavity. Weatherboard profiles include Bevelback, Vertical Shiplap, Rusticated and Secret fixing. The weatherboards are available with a smooth dressed face (for a paint finish) or a light band sawn or brushed face (for a stain finish) and manufactured from a range of materials:

- Sand - H3.2 treated radiata pine
- Vulcan - thermally modified radiata pine
- Stratos - Azole treated radiata pine (H3.1)
- Tundra - Douglas fir heart wood
- Vaaro - Fire retardant treated timber.

## 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.

Abodo Weatherboard Cladding Systems are exterior wall claddings for use over a drained cavity. Vaaro can also be used as an internal lining where C3.4 (a) obligations apply.

## 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.

**B1 Structure:** B1.3.1, B1.3.2, B1.3.4, for the relevant condition of B1.3.3 (h)

**B2 Durability:** B2.3.1(b)

**C3 Fire affecting areas beyond the fire source:** C3.4 (a), C3.5 (contributes to), C3.7 (a) (Vaaro only)

**E2 External moisture:** E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.6 (contributes to), E2.3.7 (contributes to)

**F2 Hazardous building materials:** F2.3.1



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# Product Certificate

Abodo Weatherboard Cladding System



## 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. The Abodo Weatherboard Cladding System is certified for use in buildings with a cavity;
  - a. within the scope of Acceptable Solution E2/AS1 subsection 1.1.1 and with a risk score no greater than 20 with framing to either:
    - i. NZS3604:2011 Timber-framed buildings, or;
    - ii. NASH Standard Part 2: May 2019 Light Steel Framed Buildings, or;
  - b. buildings specifically engineering designed for wind pressures up to a maximum ultimate state (ULS) of 2.5 Kpa with fixings either
    - i. 8g stainless steel wood screws at 600 mm maximum centres to each weatherboard with the length of screw to be selected to give a minimum of 30 mm penetration into the supporting timber. Screw locations shall be to the Abodo CodeMark Weatherboard System Manual dated April 2020, or;
    - ii. 2/3.15 diameter x 90 mm stainless steel ring shank nails at 600 mm maximum centres to areas at building corners within a distance of 20% of the wall length. A single nail at 600 maximum centres may be used outside these areas, and;
  - c. with a rigid underlay:
    - i. In all locations designated as Extra High Zone and above, or;
    - ii. When used in external walls of unlined attached garages and;
  - d. situated:
    - i. in all exposure zones (excluding microclimates) as defined in NZS3604:2011, Paragraph 4.2.4, and;
    - ii. more than 1m from a relevant boundary (except Vaaro), and;
  - e. with joinery meeting the requirements of subsection 4.4.1 of the Building Product Specifications (for the relevant wind loadings), and;
  - f. with Stainless steel, copper or silicon bronze fixings in ACQ or Cu azole treated weatherboards (i.e. Sand).
2. Use of the Secret Fixings in specifically engineering buildings is limited to wind loads of 1.8 kPa but with no limit as to building height.
3. Use of Vaaro as an internal lining is limited to of buildings where a Material group number of 1-S or greater is required.
4. Fire design using Vaaro shall be done using an appropriate acceptable solution or verification method for C Protection from Fire.
5. The Abodo Weatherboard Cladding System shall be installed in accordance with Abodo CodeMark Weatherboard Cladding Manual April 2020.

## 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.



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## 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 comparison with weatherboard profiles specified in Acceptable Solution E2/AS1.

B2 Durability - By assessment against the provisions of Acceptable Solutions B2/AS1 and E2/AS1, and testing and expert opinion with the provisions of Verification Method B2/VM1.

C3 Fire affecting areas beyond the fire source - By testing to the requirements of the Building Product Specifications.

E2 External moisture - By comparison with the provisions of Acceptable Solution E2/AS1.

F2 Hazardous building materials - By comparison with accepted chemical preservative treatments specified by Acceptable Solution B2/AS1.

## 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. B2 Durability, Acceptable Solution B2/AS1, Durability provisions for building elements, Third edition, 28 July 2025.
2. B2 Durability, Verification Method B2/VM1, Durability of buildings elements using in-service history, laboratory testing, and comparisons to similar materials, Third edition, 28 July 2025.
3. E2 External Moisture, Acceptable Solution E2/AS1, External moisture provisions for timber-framed buildings up to 10 m in height, Fourth edition, 28 July 2025 Building Product Specifications, First Edition, Amendment 1, 2 April 2026.
4. C Protection from Fire, Acceptable Solution C/AS1, Protection from fire for buildings with sleeping (residential) and outbuildings (risk group SH), Second Edition, Amendment 1, 28 July 2025.
5. C Protection from Fire, Acceptable Solution C/AS2, Protection from fire for buildings other than risk group SH, Second Edition, 28 July 2025.
6. Building Product Specifications, First Edition, Amendment 1, 2 April 2026
7. NZS3602:2003 Timber and Wood-based Products for Use in Building.
8. NZS3640:2003 Chemical Preservation of Round and Sawn Timber.
9. Producer Statement – PS1 Tasman Consulting Engineers Ltd, 7 April 2025.
10. BRANZ Group Number Assessment, FI 20045 – 01 – 1 – C1, 28 November 2024.
11. BRANZ Cladding Classification, FH17743-02-1-C1, 25 October 2023.
12. BRANZ Assessment Report, FC18171-01-1, Assessment Report on the Fire Performance of Abodo Vaaro™ (Ratio I) Treated Timber with Abodo Protector WB Stain, 11 December 2023.
13. AFRC Opinion on Durability of Thermowood230 with Reference to AS5604-2005, 2 August 2018.
14. EPH Test report 2216023-3 Test for Durability of Thermally Modified Radiata Pine, 12 October 2016.
15. SCION Report the Durability of Thermowood Thermally Modified Wood - Results from Durability Tests After Eleven Years, July 2015.
16. AFRC Opinion on Durability of Douglas Fir Heartwood with Reference to AS5604-2005, 8 August 2018.
17. SCION Report the Above Ground Durability of Cypress Species and Douglas Fir Grown on New Zealand, February 2011.



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## Product Certificate

Abodo Weatherboard Cladding System



18. Fletcher Test Report No. T511 Performance tests on 'Hector WB10' vertical and horizontal weatherboard cladding system in accordance with New Zealand Building Code E2/VM1, 26 May 2016.

19. Abodo CodeMark Weatherboard Cladding Manual, April 2020.

### 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

The Abodo Weatherboard Cladding System includes the following weatherboard profiles:

#### Stain Finish

- Sand, Stratos, Vulcan,
  - Horizontal Bevelback: AW61, AW62
  - Horizontal Rusticated: AW67, AW68, AW700, AW701, AW702, AW703, AW704, AW705, AW706
  - Vertical Shiplap: AW50, AW51, AW52, AW53, AW54, AW55, AW56, AW57, AW58, AW59, AW60, AW507
  - Horizontal and Vertical WB10, WB18 Secret Fix: WB10, WB18
  - Vertical Fix WB12 Secret Fix: WB12, WB12F
- Tundra (Tundra is available in ex-150x25 mm profiles only and is not available in WB10 or WB12)
  - Horizontal Bevelback: AW61
  - Horizontal Rusticated: AW67, AW702, AW703
  - Vertical Shiplap: AW50, AW51, AW53, AW55, AW58, AW503

#### Paint Finish

- Sand, Stratos, Vulcan
  - Horizontal Bevelback: AW61P, AW62P
  - Horizontal Rusticated: AW67P, AW68P
  - Vertical Shiplap: AW51P, AW52P
  - Horizontal and Vertical WB10 Secret Fix: WB10P, WB10FP, WB18

Other components of the system include:

(refer to the Abodo CodeMark Weatherboard Cladding Manual April 2020 for details about these components)

- Battens: plain and castellated
- Mouldings
- Flashings
- Fixings
- Wall underlay and Rigid wall underlay (where required as per condition and limitations of use, number 1 (d))



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Vaaro is a thermally modified pinus radiata that has been fully impregnated with a fire-retardant chemical treatment and has been assessed as meeting the requirements of being classed as a Type A cladding as well as have a Material Group number of 1-S.

### 11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

Further details regarding the use of the product can be found in the Abodo CodeMark Weatherboard Cladding Manual April 2020.

### 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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