



CERTIFICATE NO: CM70046

Date of issue: 30 April 2020



BUREAU VERITAS

PRODUCT CERTIFICATE

Abodo Weatherboard Cladding System

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS

Abodo Wood Ltd
62 Ascot Road
Mangere, Auckland 2022
New Zealand

Email: info@abodo.co.nz
Ph: +64 (0)9 249 0100
www.abodo.co.nz



2 PRODUCT CERTIFICATION BODY

Bureau Veritas Australia Pty Ltd
3/435 Williamstown Road
Port Melbourne VIC 3207
Australia

Ph: 1800 855 190
www.bureauveritas.com.au

Bureau Veritas Australia Pty Ltd

The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

Name of the product in 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.
Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.
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

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

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

Continuation of intended use can be found in item 10. Supporting Information about Intended use of Building Product or Method.

Abodo Weatherboard Cladding Systems are exterior wall claddings on a drained cavity suitable for buildings:

- timber framed to NZS3604:2011 Timber framed buildings or steel framed to NASH Standard Part 2: May 2019 Light Steel Framed Buildings
- located in a wind zone up to and including Extra High wind zone (as specified in NZS3604)
- within the scope of Acceptable Solution E2/AS1 para 1.1, and with risk score not greater than 20
- located no closer than 1m from a relevant boundary
- in any exposure zone (excluding microclimates) (as specified in NZS3604)

5 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. e.g. Clause B2 – DURABILITY Performance B2.3.1
How the building method or product complies or contributes can be found in item 12. 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; B1.3.3(a, f, h, j); B1.3.4
B2 Durability: B2.3.1(b)
E2 External moisture: E2.3.2; E2.3.5 (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.

NOTE: Together, items 3,4,5 and 6 define scope of use

1. The Abodo Weatherboard Cladding System shall be installed and maintained according to Abodo CodeMark Weatherboard Cladding Manual April 2020
2. All joinery used in conjunction with the Abodo Weatherboard Cladding shall meet the requirements of NZS 4211:2008 Specification for performance of Windows
3. Stainless steel, copper or silicon bronze fixings shall be used for ACQ or Cu azole treated weatherboards (i.e. Sand)
4. Rigid wall underlay must be used:
 - in locations defined as Extra High Wind Zones
 - for external walls of attached garages that are unlined

Reference Documents:

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. Refer to section 12 for specific detail of compliance with the performance requirements of clauses F1 to F9 of the Building code.

8 SIGNATURES

Sam Guindi
Product Certification Manager
For and on behalf of
Bureau Veritas Australia Pty Ltd

Ben Campbell
Technical Manager
For and on behalf of
Abodo Wood Ltd



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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

Any of the information referred to in item 4 that could not be easily summarised in the key information

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 Secret Fix: WB10
 - Vertical Fix WB12 Secret Fix: WB12, WB12F
- Tundra (Tundra is available in ex-150x25mm 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

Other components of the system include:

- Battens: plain and castellated
- Mouldings
- Flashings
- Fixings
- Wall underlay and Rigid wall underlay (required in certain circumstances)

Refer to the Abodo CodeMark Weatherboard Cladding Manual April 2020 for details about these components



PRODUCT CERTIFICATE

Abodo Weatherboard Cladding System



10 SUPPORTING INFORMATION ABOUT INTENDED USE

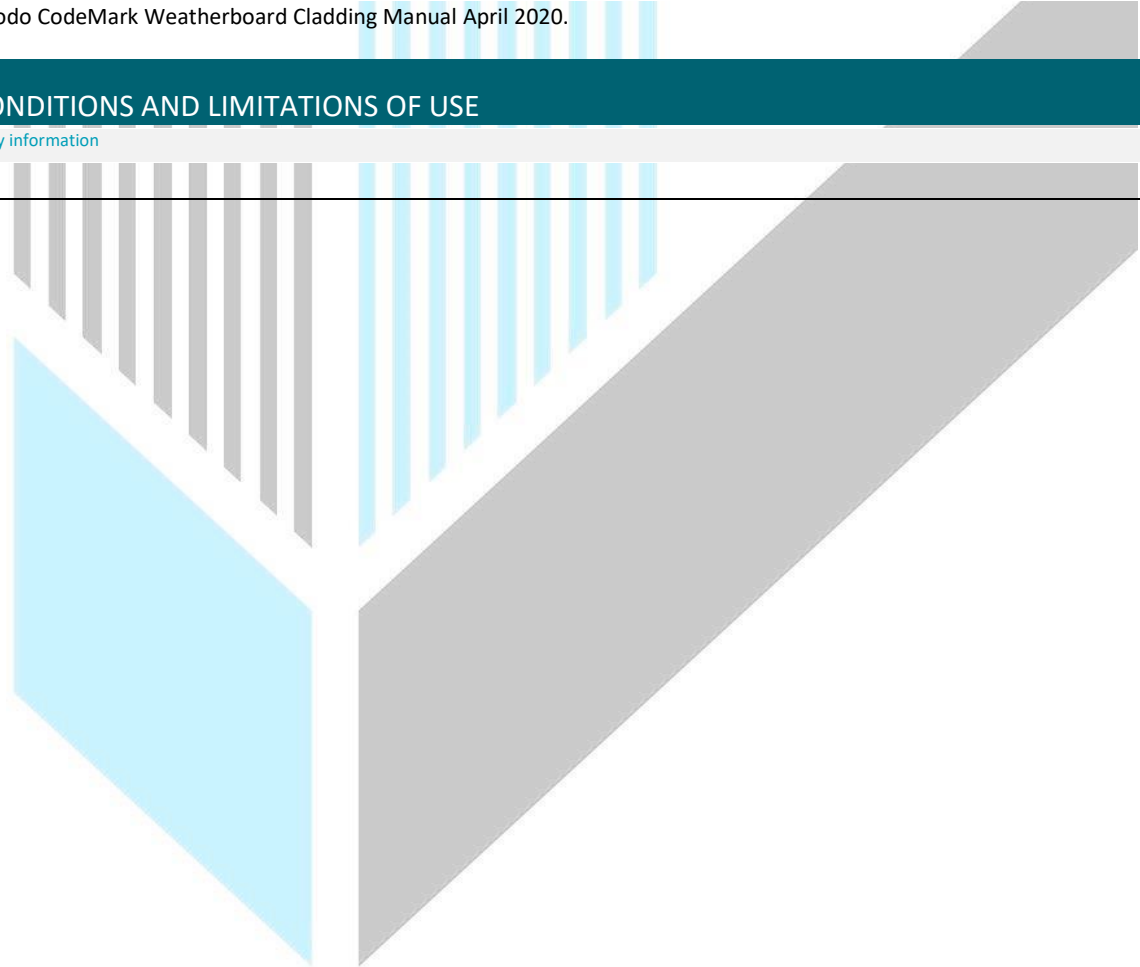
Any of the information referred to in item 4 that could not be easily summarised in the key information

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

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

Any of the information referred to in item 6 that could not be easily summarised in the key information

Refer to item 6



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PRODUCT CERTIFICATE

Abodo Weatherboard Cladding System



12 BASIS FOR CERTIFICATION

How the performance requirements in the Building Code were met for each of the provisions.

- 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.
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.

13 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. Reference to any other documents relied on for certification or used to prove compliance, including their full title, specific version and date

- Acceptable Solution E2/AS1 External Moisture
- Certified to WoodMark quality assurance programme for treated timber License Number 435
- Certified toASUREQuality Timber Treatment Programme Registration No:TTP31
- AFRC Opinion on Durability of Thermowood230 with Reference to AS5604-2005 2 August 2018
- EPH Test report 2216023-3 Test for Durability of Thermally Modified Radiata Pine 12 October 2016
- SCION Report The Durability of Thermowood Thermally Modified Wood - Results from Durability Tests After Eleven Years, July 2015
- AFRC Opinion on Durability of Douglas Fir Heartwood with Reference to AS5604-2005 8 August 2018
- SCION Report The Above Ground Durability of Cypress Species and Douglas Fir Grown on New Zealand Feb 2011
- Acceptable Solution B2/AS1 Durability
- NZS3602:2003 Timber and Wood-based Products for Use in Building
- NZS3640:2003 Chemical Preservation of Round and Sawn Timber
- 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



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14 CONDITIONS RELATING TO NOTIFICATION

The following conditions apply to this certificate, its use and the products referred to herein. The certificate holder agrees to these conditions and will adhere to the instructions below as required in each specified case.

- (a) the certificate holder notifies the product certification body in writing of any intended change to any of the following particulars:
 - (i) the name, address, or contact details of the certificate holder;
 - (ii) any address of a location where a certified product is produced or manufactured;
- (b) the certificate holder notifies the product certification body in writing of any intended change, modification, or alteration to any of the following:
 - (i) the certified building method or product;
 - (ii) the method of its production or manufacture;
 - (iii) the product quality plan prepared in respect of the certified building method or product;
 - (iv) the application or installation instructions for the certified building method or product;
 - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body in writing of the reason for that suspicion;
- (d) if the certificate holder or the product certification body finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive;
- (e) if the certificate is suspended or revoked, the certificate holder—
 - (i) notifies all customers to whom the building method or product is regularly supplied; and
 - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.