

A new take on the traditional shiplap that allows for secret fixing. Codemark compliant.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Abodo confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark
[CM70046](#)



The following information has been provided by Abodo demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

Vulcan Cladding is created from thermally modified New Zealand plantation timber for superior beauty, durability and weathering characteristics.

Vertical Shiplap weatherboards have become synonymous with modern New Zealand architecture. Abodo's innovative WB10 and WB12 profiles offer a new take on the traditional shiplap that allows for secret fixing. This reduces the possibility of degradation and water intrusion at the fixing head while offering a clean aesthetic to the building façade.

Scope of use

Vulcan Cladding Systems are exterior wall claddings and soffit 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)

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

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

B1 Structure: By comparison with weatherboard profiles specified in Acceptable Solution E2/AS1

[Abodo Weatherboard Codemark Certificate](#)

- **Clause B2 Durability:** Performance B2.3.1(b)

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.

[Abodo Weatherboard Codemark Certificate](#)

- **Clause E2 External moisture:** Performance E2.3.2, E2.3.5, E2.3.7

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

[Abodo Weatherboard Codemark Certificate](#)

- **Clause F2 Hazardous building materials:** Performance F2.3.1

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

[Abodo Weatherboard Codemark Certificate](#)



masterspec partner

Company Contact Details



ABODO

Company: Abodo Wood Limited

Physical Address: 62 Ascot Road

Airport Oaks
Mangere

Postal Address: PO Box 2011366
Auckland Airport
Auckland

Telephone: 64 9 2490100

Fax: 64 9 2490101

Email: info@abodo.co.nz

Website: abodo.co.nz

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Abodo Cladding meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Abodo Cladding was tested in accordance with, and meets the requirements of E2/VM1.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark
[CM70046](#)

Use in Service History

Abodo Vulcan weatherboards have been in service since 2011 in NZ with thousands of houses and buildings using Abodo Vulcan in NZ and around the world.

Product Criteria

Design requirements

The Abodo Codemark Weatherboard system has a range of profiles, exterior mouldings and accessories. Abodo has its tested Protector Waterborne stain colour range, along with 2 reactive coatings and can offer factory coated solutions. It is designed for use as a cladding for residential and small commercial buildings. It is suitable for buildings within the scope of E2/VM1 and with a 'Risk Score' of 20 or below per the Weather Tightness Risk Matrix outlined in E2/AS1. It is suitable for buildings in wind zones up to and including Extra High as defined in NZS 3604. Buildings in wind zones Extra High and above require a rigid underlay, longer fixings and larger flashings. Abodo Cladding-Vertical is to be installed on either a 20mm cavity batten or 45mm structurally fixed cavity batten. Weatherboards are fixed at max 480mm centres and can be secret fixed or face fixed. Secret fixing: use flat head ring shank nails or self drilling, self counter sinking head screws so as to achieve 30mm penetration into structure and positioned 12mm from the tongue edge. Screw fixing is recommended. Face fixing: use rose or pentagon head annular groove nails (hand driven) to achieve minimum 30mm penetration into structure and positioned approximately 10mm beyond the overlap. Note: Silicone bronze/copper fixings can be subject to oxidation during weathering, resulting in discolouration and weeping around fixing head.

Installation requirements

Abodo Cladding - Vertical is to be installed in accordance with the Abodo Codemark Weatherboard Cladding Manual and details drawings. Please refer to Abodo website for all installation instructions and detail drawings.

Maintenance requirements

Maintenance is to be in accordance with the maintenance guidelines available on Abodo's website. Wash down every 12 months with gentle detergent, warm water and soft brush. If possible it is recommended to apply a further coat of oil after approx 12 months of weathering. Make a maintenance check every two summers. Check all weatherboards, junctions, flashings, mouldings and replace or remediate as required to maintain weather tightness of the cladding system. For heavily soiled or mouldy areas use Rejuvenator or similar timber cleaner, apply active mouldicide and recoat with penetrating oil. Re-coat every 2-4 years or as required to maintain colour and integrity of coating. Re-coat period may be longer or shorter depending on climatic conditions and/or positioning of cladding to the sun. Preparation with Rejuvenator or other similar oxalic timber cleaner is recommended prior to coating. For Sioox coated timber refer to specific maintenance information.

Warrantees

Abodo timber carries a 15 year warranty.

<https://www.abodo.co.nz/resource/Built-to-Last-Warranty-15yrs-Vulcan-Abodo-Wood.pdf>

Company Product Information

Environmental

Abodo timber is thermally modified, NZ Radiata Pine. There are no chemicals used for this process.

Abodo timber can contribute points to Homestar/Greenstar and is considered Red List Free via these certifications:

[Abodo EPD](#)

[FSC Certificate](#)

[Abodo Declare Certificate](#)

Relationships

Member of New Zealand Green Building Council



New Zealand Made

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Abodo Wood Limited

Business Email:

info@abodo.co.nz

Company Website:

abodo.co.nz

Contact Number/s:

+64 9-2490100

Product Identifier

WB10 138X20, WB10 180X20, WB12 138X20, WB12 180X20, FINELINE WB12F 180X20

Warnings

This product has no warnings associated with it.



Date last validated: **17 November 2023**



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