

Available in a range of vertical shiplap profiles offering uniform shadow lines. 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

Abodo Tundra Cladding is produced from New Zealand plantation Douglas Fir heartwood, sourced from forests in New Zealand's central North Island. The harsh winters of the central plateau yield a dense, stable timber, with rustic features and defects.

Vertical Shiplap weatherboards have become synonymous with modern New Zealand architecture. Tundra Cladding is available in a standard AW51 vertical shiplap profile that offers uniform shadow lines.

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



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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.

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 Tundra weatherboards have been in service since 2011 in NZ.

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/AS1 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- Tundra Vertical is to be installed on either a 20mm cavity batten or 45mm structurally fixed cavity batten. Weatherboards are fixed at max 480mm centres. High quality stainless steel fixings should be used in all cases. Stainless steel 316 (A4) fixings should be used in areas near the sea. Pre-drill fixings using a drill bit 1/3rd smaller than the fixing. Note: Silicone bronze fixings can be subject to oxidation during weathering, resulting in discolouration and weeping around fixing head. Use flat, rose or pentagon head ring shank nails (hand driven) to achieve minimum 30mm penetration into stud. Or use a stainless steel self countersinking self drilling screw with minimum 30mm penetration into stud (or stud and batten combined if using a structural cavity batten).

Installation requirements

Abodo Cladding - Tundra Vertical Shiplap 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. Make a maintenance check every 2 summers. Check all weatherboards, junctions, flashings, mouldings and replace or remediate as required to maintain weather tightness of the cladding system. Re-coat every 2-3 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. For heavily soiled or mouldy areas use Rejuvenator or similar oxygenating cleaner, active mouldicide and recoat with penetrating oil. Some board movement and surface checking should be expected on highly exposed faces. Resin bleed may occur as part of the natural weathering process.

Warrantees

Abodo timber carries a 15 year warranty.

[Abodo Tundra Warranty](#)

Company Product Information

Environmental

[FSC Certificate](#)

Relationships



Member of New Zealand Green Building Council



New Zealand Made

Building Product Information Requirements

Manufacturer

Abodo Cladding - Tundra Vertical Shiplap

Product Technical Statement: 107929



Legal Trading Name:

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Product Identifier

RUSTICATED AW702 140X20MM, VERTICAL SHIPLAP AW51 135X20MM, VERTICAL SHIPLAP AW507 135X30MM

Warnings

This product has no warnings associated with it.



Date last validated: **17 November 2023**



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