

Certificate no: CMNZ30084

Version: O

Original issue date: 04 November 2019

Version date: 20 August 2025

Renewal Date: 20 July 2028

## 1. Certificate Holder Details



### J.Scott and Company Limited

Trading as JSC

22 Sawmill Rd, Riverhead, Auckland 0892

[TechHelp@jsc.co.nz](mailto:TechHelp@jsc.co.nz)

Tel: +64 9 412 2800

<http://www.jsc.co.nz/>

## 2. Product Certification Body

### Global-Mark Pty Ltd

Trading as Global-Mark

57 Willis Street, Wellington, 6011

[customer.service@global-mark.co.nz](mailto:customer.service@global-mark.co.nz)

+64 4 280 6672

[www.global-mark.co.nz](http://www.global-mark.co.nz)

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

[www.global-mark.co.nz/complaints](http://www.global-mark.co.nz/complaints)

## Global-Mark Managing Director.

Herve Michoux



# Product Certificate

## JSC VertiClad Cladding System

### 3. Description of Building Method or Product

The JSC VertiClad Cladding System (the System) comprises: vertically fixed weatherboards installed over H3.2 treated timber castellated cavity battens to form either a 20mm cavity or a 45 mm cavity, fascia boards and moulding profiles.

JSC VertiClad Cladding System weatherboards are manufactured from the following materials; Western Red Cedar (*Thuja plicata*), Alaskan Yellow Cedar (*Cupressus nootkatensis*), Radiata Pine – H3.2 (MicroPro® treated), Nordic Pine – H3.2 (MicroPro® Treated), TMT Amba, TMT Taiga RW, TMT Taiga WW, TMT Taxon or TMT Tuscan.

### 4. Intended use of Building Method or Product

The JSC VertiClad Cladding System is an external wall cladding installed over a 20 mm or 45 mm ventilated cavity.

### 5. New Zealand Building Code Provisions

The System if designed, used, installed and maintained in accordance with the conditions of this Certificate will comply with or contribute to compliance with the following performance provisions of the NZ Building Code:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2, B1.3.4 for the relevant physical conditions of B1.3.3 (a), (f), (h), (j) and (m)

Clause B2 DURABILITY: Performance B2.3.1(b) and B2.3.2(b).

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2, E2.3.5 (contributes to), E2.3.6 (contributes to), E2.3.7.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.

### 6. Conditions and Limitations of Use

1. The system is certified for timber-framed buildings:
  - a. with walls designed in accordance with NZS3604:2011 Timber-framed buildings, as modified by Acceptable Solution B1/AS1 and within the scope of Acceptable Solution E2/AS1, Paragraph 1.1, or of at least equivalent stiffness to the framing provisions of NZS3604:2011, and situated in Wind Zones (as defined in NZS 3604:2011) up to and including Extra High; or
  - b. subject to specific engineering design in accordance with Verification Method B1/VM1 up to a maximum design differential ultimate limit state (ULS) wind pressure of 2.5 kPa, and
  - c. up to 10 m in height, and



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- d. with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Table 2, and
    - e. 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
2. The System shall be designed, used, installed and maintained in accordance the following sets of documents collectively referenced as the Applicable Technical Specification:
  - a. JSC Verticlad, Vertical Shiplap Weatherboard Cladding, Design Guide, Version 1.0, February 2025
  - b. JSC Verticlad, Vertical Shiplap Weatherboard Cladding, Installation Guide, Version 3.6, February 2025
  - c. JSC Verticlad System Shiplap Installation Checklist, v1.4, February 2025
  - d. JSC Exterior Timber Weatherboard Cladding, Maintenance Guide, Version 3.2, February 2025
  - e. Technical Drawings JSC Verticlad – Vertical Shiplap Weatherboards - Flexible Underlay 20 mm Cavity Fix, Version 2.5, 24/02/2025
  - f. Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Rigid Underlay 20 mm Cavity Fix, Version 2.5, 24/02/2025
  - g. Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Flexible Underlay 45 mm Cavity Fix, Version 2.5, 24/02/2025
  - h. Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Rigid Underlay 45 mm Cavity Fix, Version 2.5, 24/02/2025
3. The System shall:
  - a. be fixed over a ventilated cavity in conjunction with a flexible building underlay or rigid air barrier in accordance with the Applicable Technical Specification, and
  - b. be installed vertically on vertical, flat surfaces, and
  - c. use the components and board profiles as described in the Applicable Technical Specification (where these components are substituted with alternative products, these applications fall outside the scope of this certification), and
  - d. incorporate joinery that meets the requirements of NZS 4211:2008 including Amendment 1 for the relevant Wind Zone or wind pressure.
4. Stainless steel or silicon bronze fixings shall be used with TMT Amba, TMT Taiga RW, TMT Taiga WW, TMT Taxon and TMT Tuscan weatherboards.
5. The designer shall provide a signed Declaration for submission with the building consent application that the use of this product in the proposed building work falls within the intended used of the system as described in this certificate and that all design conditions of this certificate have been met.

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6. The installer shall supply a signed Declaration that the product has been installed in accordance with the installation conditions of this certificate, for consideration for issuing a Code Compliance Certificate (CCC).

### 7. Health and Safety Information

Standard industry safety practices and manufacturer safety requirements as detailed in the technical literature including the applicable SDS must be observed at all times.

### 8. Basis for Certification

The certification decision is based on independent technical review(s) of test report(s), engineering opinion(s) and other documented evidence(s), factory audit(s) and site review(s)

Code Objective Clause	Compliance pathway
Clause B1 STRUCTURE	Alternative solution based on NZS3604:2011 and comparison with E2/AS1 and testing using E2/VM1
Clause B2 DURABILITY	Alternative solution based on expert opinion and testing
Clause E2 EXTERNAL MOISTURE	Alternative solution based on verification method E2/VM1 test
Clause F2 HAZARDOUS BUILDING MATERIALS	Alternative solution based on expert judgement

### 9. Supporting Documentation for Certification

Nb	Author	Description	Date and/or Revision
001	*JSC	JSC TMT Materials Compliance Evaluation	Rev1.7 dated 19/04/2024
002	SCION	DURABILITY AND POTENTIAL END-USES OF SOME TIMBER SPECIES IMPORTED INTO NEW ZEALAND October 2017	
003	*Façade Lab	Testing of JSC Verticlad Weatherboard System with 20mm Cavity to E2/VM1, façadelab,	Report 24-22, 1 October 2024
004*	Façade Lab	Testing of additional details in the JSC Verticlad Weatherboard System to E2/VM1, façadelab,	Report 24-24, 26 November 2024

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005* Façade Lab	Testing of JSC Verticlad Zig-Zag Wall to parts of E2/VM1, façadelabReport 24-25, 26 November 2024	
006 JSC	JSC Verticlad, Vertical Shiplap Weatherboard Cladding, Design Guide	Version 1.0, February 2025
007 JSC	JSC Verticlad, Vertical Shiplap Weatherboard Cladding, Installation Guide,	Version 3.6, February 2025
008 JSC	JSC Verticlad System Shiplap Installation Checklist	v1.4, February 2025
009 JSC	JSC Exterior Timber Weatherboard Cladding, Maintenance Guide	Version 3.2, February 2025
010 JSC	Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Flexible Underlay 20 mm Cavity Fix	Version 2.5, 24/02/2025
011 JSC	Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Rigid Underlay 20 mm Cavity Fix	Version 2.5, 24/02/2025
012 JSC	Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Flexible Underlay 45 mm Cavity Fix	Version 2.5, 24/02/2025
013 JSC	Technical Drawings - JSC Verticlad – Vertical Shiplap Weatherboards - Rigid Underlay 45 mm Cavity Fix	Version 2.5, 24/02/2025
014 JSC	JSC Cladding Systems SDS Index	V1.3

\* These documents were provided commercial in confidence and are not publicly available

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

- JSC VertiClad Cladding System weatherboards are profiled to JSC specifications, consistent with NZS 3617:1979 and BRANZ BU 411 (April 2011).
- Weatherboards are supplied either raw or machine coated on all surfaces to JSC's specification with:
  - one coat of exterior grade suitable stain, or
  - base coats of exterior grade suitable primer & undercoat.
- Refer to:



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  - b. JSC Verticlad, Vertical Shiplap Weatherboard Cladding, Installation Guide, Version 3.6, February 2025
- for additional information about the system description and options.

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

Nil

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

Proprietary stain systems and proprietary paint systems have not been evaluated and are therefore outside the scope of this certification

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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