

CERTIFICATE OF CONFORMITY

This product Certificate is issued under Section 269 of the Building Act 2004 for:

VertiClad Cladding system



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Product Description

The VertiClad Cladding System (the System) is a cavity-based external wall cladding system installed on a structural timber frame. The system comprises: vertically fixed weatherboards with the species selected from; Western Red Cedar (*Thuja Plicata*), Alaskan Yellow Cedar (*Cupressus nootkatensis*), Radiata Pine – H3.2 (MicroPro® treated), Iroko (*Milicia excelsa*) and installed over H3.2 treated timber castellated cavity battens to form a nominally non-structural 20 mm cavity or structurally fixed 45 mm cavity; flashings and accessories.

The weatherboards are profiled to JSC's specifications and to NZS 3617:1979 and BRANZ BU 411 (April 2011) and are supplied with a minimum of a single coating of primer or stain to all four sides. Once installed top coats must be applied according to the coating manufacturers specifications.

Product purpose and use

The scope of certification covers the use of the system as an external cladding within the following scope:

1: Location

- In wind zones up to and including extra high, as defined in NZS3604:2011 or situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5 kPa, where the building has been specifically engineered
- In all exposure zones, excluding microclimates as defined in NZS 3604:2011.

2. Building

- Has the scope limitations of NZBC Acceptable System E2/AS1, Third Edition including amendment 9 (27/06/2019), Paragraph 1.1; and,
- New timber framed buildings with building wrap or rigid air barrier that comply with the NZBC Acceptable Solution E2/AS1 Third Edition including amendment 9 (27/06/2019),
- Existing timber framed buildings where the designer and installer have satisfied themselves that the existing building is suitable for the intended building work
- With a risk score of 0-20 when calculated in accordance with NZBC Acceptable Solution E2/AS1, Third Edition including amendment 9 (27/06/2019), Table 2
- The System must only be installed vertically on vertical, flat, surfaces
- The System is certified for use with aluminium window and door joinery that is installed with vertical jambs and horizontal heads and sills
- The wall cladding system is located more than 1m from a relevant boundary.

Certificate holder

JSC Timber Ltd, 22 Sawmill Rd, Riverhead, Auckland 0892, Tel: +64 9 412 2800, <http://www.jsctimber.co.nz>

| CodeMark Certification Body | | 26/10/2017 | 11/02/2020 | 04/11/2022 | GM-CM30084-RevD1 |
|---|------------------------------------|---------------|-------------|-------------------------------|--------------------|
| Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia Tel: +61 (0)2 9886 0222 www.Global-Mark.com.au | Herve Michoux Managing Director | Date of issue | Last update | Date of next re-certification | Certificate Number |

The purpose of construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In issuing this certificate, Global-Mark has relied on the independent expert and/or laboratory advise or reports. This certificate is issued by Global-Mark Pty Limited, an independent certification body accredited by the product certification accreditation body (JAS-ANZ) appointed by the Chief Executive of the Ministry of Business Innovation and Employment under the Building Act 2004. The Ministry of Business Innovation and Employment does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry of Business Innovation and Employment disclaims, to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate. This Certificate may only be reproduced in its entirety.

It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the Ministry of Business Innovation and Employment website, <http://www.mbie.govt.nz/>

New Zealand Building Code (NZBC) references the Building Code in force at the time of issuing the product certificate.

Certificate holder will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008

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Compliance with the New Zealand Building Code (NZBC):

The System if designed, used, installed and maintained in accordance with this Certificate, the system will meet the following provisions of the NZBC:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2, B1.3.4 (b), (c), (d) and (e) for the relevant physical conditions of B1.3.3 (a), (h), (j) and (q).

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

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2, E2.3.5, E2.3.7(b) and (c).

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.

Subject to the following conditions and limitations:

1. Specification, installation, inspection and maintenance in accordance with the following sets of documents collectively referenced as the Applicable Technical Specification:
 - JSC VertiClad Vertical Shiplap Weatherboard System Specification and Installation Guide v2.1, Nov 2019
 - JSC VertiClad Vertical Shiplap Weatherboard System Installation Checklist v2.1, Nov 2019
 - JSC VertiClad Vertical Shiplap Weatherboard System Technical Drawings - Dated 17/07/2019
2. Design and installation of the System shall be carried out or supervised by a Licensed Building Practitioner with the appropriate license class and access to Applicable Technical Specification and supporting standards, and be able to meet all other regulatory obligations, where applicable
3. Where this Certificate is to form part of a building consent application, the designer in condition #2 above must submit a signed declaration that the building work falls within the scope of this certificate and that all conditions of the certificate have been met.
4. The system can only be used with the ancillary 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. In particular, the System relies on the joinery meeting the requirements of NZS 4211:2008 including Amendment 1 for the relevant Wind Zone or wind pressure.)^[1]_{SEP}
5. In existing buildings, the designer signing the declaration referred in condition #3 must be satisfied that the existing building is adequate for the intended building work. This assessment is outside the scope of this certificate ^[1]_{SEP}

End of the record