



PRODUCT CERTIFICATE

InnoClad and InnoScreen



CERTIFICATE NO: CM70078 Rev2

Date of issue: 8 April 2022

1 CERTIFICATE HOLDER DETAILS

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2 PRODUCT CERTIFICATION BODY

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 Port Melbourne VIC 3207
 Australia

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Bureau Veritas Australia Pty Ltd

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

KEY INFORMATION

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

Innoclad and Innoscreen are manufactured from Innowood, an extruded composite wood material.

*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.*

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

InnoClad is intended for use as an external cladding board. InnoScreen is intended for use as an external screen.

Continuation of intended use can be found in item 8. Supporting Information about Intended use of Building Product or Method.

5 BUILDING CODE PROVISIONS

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, E2.3.7 (Note: Not applicable to InnoScreen)
F2 Hazardous Building Materials: F2.3.1



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is 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 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 It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>. CERTIFICATE V1.3

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6 CONDITIONS AND LIMITATIONS OF USE

1. InnoClad shall only be used for buildings:
 - a) within the scope of E2/AS1 and located in any wind zone up to and including Extra High, and
 - b) with specific engineering designed frame elements of at least equivalent stiffness to the framing provisions defined in NZS 3604, or
 - c) that are designed for a specific wind pressure up to a maximum ultimate limit state (ULS) of 2500 Pa, and
 - d) located in any exposure zone (both as defined in NZS3604: 2011 Timber Framed Buildings) ,and
 - e) located no closer than 1m from a relevant boundary.
2. InnoClad shall be installed in accordance with the INNOWOOD Care & Maintenance Guide V2, April 2020 and the applicable installation manual:
 - a) InnoClad V-Joint Shiplap Cladding Installation Manual V3, April 2019
 - b) InnoClad Secret Fixed Shiplap Cladding Installation Manual V3, April 2019.
3. InnoClad shall be installed on timber or steel "tophat" battens and wall underlay complying with E2/AS1 Table 23, forming a minimum 20 mm drained and ventilated cavity. Fixing screws shall be galvanised or stainless steel. Timber battens shall be treated to a minimum of H3.1. A vermin closer shall be fitted at the bottom of the cavity.
4. Secret Fix Shiplap Cladding profiles shall only be installed vertically. V-Joint Shiplap Cladding profiles may be installed horizontally and vertically.
5. InnoScreen shall only be used for:
 - a) fixing to a specifically designed structural frame or substrate
 - b) located in any exposure zone (both as specified defined in NZS3604: 2011 Timber Framed Buildings) InnoScreen shall be installed in accordance with the INNOWOOD Care & Maintenance Guide V2, April 2020 and the applicable installation manual
 - InnoScreen Face Rear Fixing Installation Manual V4, April 2019
 - InnoScreen Concealed Lock-In Installation Manual V4, April 2019.
7. InnoScreen is not a component of a building's weathertightness envelope.

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

7 HEALTH AND SAFETY INFORMATION

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



John Kozlowski
Managing Director
For and on behalf of
Innowood Australia Pty Ltd

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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

Innoclad Secret Fixing Shiplap Cladding Profile options:

- WC17533 - 150mm coverage
- WC20435 - 180mm coverage

Innoclad V-Joint Shiplap Cladding Profile options:

- WC13625 - 105mm coverage
- WC20025 - 165mm coverage
- WC24025 - 205mm coverage
- WC28525 - 255mm coverage

Innoclad and InnoScreen accessories:

- Aluminium J-mould starter
- Aluminium J-Trim starter
- Aluminium Corner angles for internal and external corners
- Aluminium T-Bar for butt joints
- Aluminium S-mould starter

10 SUPPORTING INFORMATION ABOUT INTENDED USE

N/A

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

- All InnoClad & InnoScreen profiles subject to reflective heat shall be installed at max centres of 225mm until 1200mm from the reflective source.
- All InnoClad & InnoScreen profiles shall have minimum of 3 fixing points.
- Nail guns shall not be used for fixing any Innowood product.

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12 BASIS FOR CERTIFICATION

- B1 Structure - By testing and comparison with Verification Method E2/VM1 and referenced standard AS/NZS 4284
- B2 Durability - By testing and comparison with Verification Method B2/VM1
- E2 External moisture - By testing and comparison with Verification Method E2/VM1 and referenced standard AS/NZS 4284
- F2 Hazardous building materials - By comparison with Building Code Performance Clause F2.3.1

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

- Acceptable Solutions and Verification Methods For New Zealand Building Code Clause B2 Durability (Amendment 12), 28 November 2019
- Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 9), 27 June 2019
- Acceptable Solutions and Verification Methods For New Zealand Building Code Clause F2 Hazardous Building Materials (Amendment 3), 1 January 2017
- Innowood Span Table - Lautrec Façade Design Engineers Report 20 September 2018
- Innowood Australia Pty Ltd; Material Safety Data Sheet V4
- facadelab Report No.17-11 Testing of three Innowood cladding systems on cavity in accordance with AS/NZS 4284 (with E2/VM1 and further testing in appendix) May 2017
- CSIRO Evaluation of Innowood Composite Timber CMMT Report No. 2880/R2 October 2007
- Observation and Microscopy of New and Weathered Innowood, Timbaigl Optics Pty Ltd, April 2018
- InnoClad Shiplap Fixing Installation Manual April 2019 V3
- INNOWOOD Care & Maintenance Guide V2, April 2020
- InnoScreen Face/Rear Fixing Installation Manual April 2019 V4
- InnoScreen Concealed Lock In Installation Manual April 2019 V4
- InnoClad Secret Fixed Shiplap Cladding Installation Manual April 2019 V3

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14 CONDITIONS RELATING TO NOTIFICATION

- (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.