Certificate of Conformity

Certification Body:

CMI CERTIFICATION
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Certificate Holder:

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Certificate number: CM40367 Rev2

THIS IS TO CERTIFY THAT

ALUCOLUX 3mm Solid Aluminium Cladding System

Type and/or use of product:

Exterior facade, interior wall lining and ceiling lining.

Description of product:

3mm Pre-Finished Solid Aluminium Panel.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2022 (Amdt.1)**

	Volume One		Volume Two	
Performance Requirement(s):	F3P1	Weatherproofing –Subject to *Limitation and Condition No. 1*	H2P2	Weatherproofing – Subject to *Limitation and Condition No. 1*
Deemed-to-Satisfy Provision(s):	C2D10(6)(e)	Non-combustible building elements – Panel only	H3D2(1)(e)	Non-combustible materials – Panel only
	C2D11 (1)(b)	Fire hazard properties – Panel only		
State or territory variation(s):	Not Applicable		Not Applicable	

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:

1. Compliance with F3P1 & H2P2 via verification, the relevant design is required to meet the criteria of F3V1 and/or H2V1 to the satisfaction of the Appropriate Authority as defined by the NCC. The site specific building must;
   (a)(i) have a risk score of 20 or less, when the sum of all risk factor scores are determined in accordance with Table F3V1a/H2V1a; and
   (a)(ii) is not subjected to an ultimate limit state wind pressure of more than 2.5kPa; and
   (a)(iii) include only windows that comply with AS 2047.
   Compliance with Weatherproofing is limited to the tested specimen, deviations or installations that incorporate any electrical box installations will be subject to a site specific design and approval to the satisfaction of the regulatory authority.
2. This certificate is limited to the details within this certificate including the above compliance elements, product description, purpose or use.
3. Other than the items and information listed, the remainder of the information contained in the product's literature is outside the scope of this certification.
4. Installation requirements are outside the scope of this certificate and subject to project specific engineering advice.
5. The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

Building classification/s:

Class 1,2,3,4,5,6,7,8,9 & 10

Glen Gugliotti– CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 24/09/2025

Date of expiry: 07/07/2026

Certificate of Conformity

Scope of certification: The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website www.abcb.gov.au. This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the Certificate Holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

Disclaimer: The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim 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 product(s) referred to in this certificate.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CMI Certification Pty Ltd (CMI) has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Exterior facade, interior wall lining and ceiling lining.

A2 Description of product

Alucolux Caulked System

- Solid Aluminium 3003/H24 panel. Thickness: $3^{+/-0.1}$mm - Width: $1250^{+/-2}$mm / $1575^{+/-2}$mm - Length: $1800^{+/-2}$ – $4200^{+/-2}$m.
- Aluminium continuous Z angle large 24mm
- Aluminium continuous Z angle small 22.5mm
- Galvanised Top Hat 1.6mm thick gauge (minimum of 15mm in height)
- Crop Top Screws 16mm
- 10mm Backing Rod
- Flexible Caulking Sealant – TREMglaze 50 Sealant or equivalent

Alucolux Dry Seal System

- Solid Aluminium 3003/H24 panel. Thickness: $3^{+/-0.1}$mm - Width: $1250^{+/-2}$mm / $1575^{+/-2}$mm - Length: $1800^{+/-2}$ – $4200^{+/-2}$m.
- CSACM-01 continuous aluminium structural rail
- CSACM-04 continuous aluminium structural rail
- Proprietary two-part flashing at horizontal panel joint
- Galvanised Top Hat 1.6mm thick gauge (minimum of 15mm in height)
- Crop Top Screws 16mm

A3 Product specification

Weatherproofing

The ALUCOLUX 3mm Solid Aluminium Cladding System has passed the test methods of AS/NZS 4284:2008 in accordance with Verification Methods F3V1 & H2V1 with the exception of the Electrical box detail. A summary of the test specimen, pressures and results are outlined below.

Test Specimen:

The test arrangement consisted of cladding panels erected on aluminium battens over a rigid air barrier, with overall size 3550 mm wide by 4110 mm high. This unit was installed into a timber framed opening in the test rig. Allowance for seismic movement was made prior to the seismic tests. The infill structure around the sample was constructed of 140 x 45 mm timber framing.

Results

Serviceability limit state deflection test	Complies with deflection requirements at ±3500 Pa for stud at span/200 and for the panel on horizontal stiffener at span/60
Air infiltration test	Complies with requirements at ±150 Pa
Static water penetration test	Complies with requirements at +1050 Pa
Cyclic water penetration test	Complies with requirements, testing to 525 – 1050, 700 – 1400, and 1050 – 2100 Pa cyclic pressure water test

Seismic testing at serviceability limit state	Complies with requirements at ± 20 mm in-plane deflection.
Post SLS seismic cyclic water penetration tests	Complies with requirements at stage 1, stage 2 and stage 3 cyclic pressures. The three stages of cyclic water penetration were nominated as follows: Stage 1: 525 – 1050 Pa Stage 2: 700 – 1400 Pa Stage 3: 1050 – 2100 Pa No visible water leakage shall be recorded through the sample.
Pressure test at ultimate limit state	Complies with requirements at ± 5.0 kPa
Seismic test at ultimate limit state	Complies with requirements at ± 80 mm in-plane deflection Complies with requirements at ±100 mm in-plane deflection.

Source: *FacadeLabs Report No. 20-09a dated 22/09/2020 & DDEG Report No. 202313 R1, Dated 28/06/2023.*

Non-combustibility

ALUCOLUX 3mm Solid Aluminium Panels are NOT deemed combustible according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

Source: *AWTA Product Testing; NATA Accreditation No. 1356; Test Report No. 22-004397; Testing in accordance with AS 1530.1-1994; Dated 21/02/2023.*

Fire Hazard Properties – Group number

Group Number Assessment in accordance with AS 5637.1-2015 based on testing that was performed in accordance with AS/NZS 3837-1998 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter. As per AS 5637.1 Clause 9(n) it was valid to test this particular material / system in the cone calorimeter for the assignment of a NCC Group Number.

Product Group Number Classification: **1**

Average Specific Extinction Area: **43.2 m²/kg**

Source: *AWTA Product Testing Test Report No. 22-004750; Group Number Assessment dated 07/12/2022.*

Fire Hazard Properties – Fire Indices

Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release AS/NZS 1530.3-1999 Indices.

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Index	2	Range 0-10

Source: *AWTA Product Testing; Test Report No. 22-004749; Testing in accordance with AS/NZS 1530.3-1999; Dated 28/11/2022.*

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact Certificate Holder for details.

A5 Installation requirements

Installation requirements are outside the scope of this certificate and subject to project specific engineering advice regarding the size, location and type of fixings required to the satisfaction of the appropriate authority. The client has made available the following installation detail documents to assist the project specific engineering advice; Alucolux-Installation Manual Caulked Joint System February 2023 and Alucolux-Installation Manual Dry Seal System August 2024.

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Fire Safety Provisions A5G3(1)(d). Reports from Accredited Testing Laboratories.
2. Weatherproofing Provision A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories & Appropriately Qualified Person.

B2 Reports

1. AWTA Product Testing; NATA Accreditation No. 1356; Test Report No. 22-004750; Testing in accordance with AS/NZS 3837-1998; Dated 06/12/2022. Contributes towards Compliance with C2D11(1)(b).
2. AWTA Product Testing; NATA Accreditation No. 1356; Test Report No. 22-004750; Group Number Assessment in accordance with AS 5637.1-2015; Dated 07/12/2022. Contributes towards Compliance with C2D11(1)(b).
3. AWTA Product Testing; NATA Accreditation No. 1356; Test Report No. 22-004397; Testing in accordance with AS 1530.1-1994; Dated 21/02/2023.Contributes towards Compliance with C2D10(6)(e) and H3D2(1)(e).
4. AWTA Product Testing; NATA Accreditation No. 1356; Test Report No. 22-004749; Testing in accordance with AS/NZS 1530.3-1999; Dated 28/11/2022.Contributes towards Compliance with C2D11(1)(b).
5. Façadelab; IANZ Accreditation No. 1091; Test Report No. 20-09a; Testing in accordance with AS/NZS 4284:2008; Dated 21/09/2020. Provides compliance towards F3P1 and H2P2.
6. DDEG (Solutions), Report No. 202313 R1, Alucolux F3P1 Assessment Letter; Dated 28/06/2023. Provides compliance towards F3P1 and H2P2.

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.