Certificate of Conformity

Certification Body:

CMI CERTIFICATION

ABN: 81 663 250 815
JAS-ANZ Accreditation
No. Z4450210AK
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Certificate Holder:

modinex GROUP

Modinex Group Pty Ltd
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Certificate number: CM40368

THIS IS TO CERTIFY THAT

Alu-Selekta

Type and/or use of product:

Internal lining and external cladding material.

Description of product:

The Alu-Selekta is a pre-finished cladding material available in a range of realistic timber look finishes.

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

	Volume One		Volume Two	
Performance Requirement(s):	J1P2	Energy efficiency – Can be used with other building elements to achieve the required thermal performance.	H6P1	Energy efficiency – Can be used with other building elements to achieve the required thermal performance.
Deemed-to-Satisfy Provision(s):	C2D10(1)(a)	Non-combustible building elements	H2D6(4)	Weatherproofing – Wall Cladding complying with AS 1562.1
	C2D11	Fire hazard properties		
	F3D5	Weatherproofing – Wall Cladding complying with AS 1562.1	H3D2	Non-combustible building elements
State or territory variation(s):	J1P2 (NSW)		Part H6 (NSW, NT & TAS)	

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. Installation of the Alu-Selekta panel must be in accordance with Alu-Selekta Channel Castelation Screenclad Installation Guide V2.
2. The span tables shown in *A3 Product specifications* are only suitable for the Alu-Selekta Cladding Profile. The Profile is manufactured from 6063-T5 Grade Aluminium material.
3. Importance level and design wind speeds must be confirmed by the project engineers with reference to the tables in A3.
4. The Sub-Structure battens are to be a minimum of 0.9mm G550 Material. The fixing requirements of the support battens to the sub-structure to be determined by others.
5. The fixing of the Alu-Selekta Cladding Profile to the Sub-Structure battens is to be achieved with a minimum of an 8-18x16 Metal Self Tapping Screw. (Screws head must be a minimum of 8mm in diameter).
6. 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

Richard Donarski - CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 21/07/2023

Date of expiry: 21/07/2026

ABCB

JAS-ANZ

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

Applied to externals of buildings as a cladding and soffit lining, or used internally as a lining.

A2 Description of product

Highly durable Aluminium Cladding System, available in a range of realistic timber look finishes.

A3 Product specification

Non-Combustibility

The Alu-Selekta panel has been tested in accordance with AS 1530.1-1994 is NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1-1994.

Source: *Ignis Labs Pty Ltd; Report No. IGNL-4211-01R I01 R00; Testing in accordance with AS 1530.1-1994: Combustibility Test for Materials; Dated 26/02/2021.*

Fire Hazard Properties

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 Developed Index	3	Range 0-10

Source: *AWTA Product Testing; NATA Accreditation No. 1356; Report No. 17-003431; Dated 20/07/2017.*

Energy Efficiency

The thermal conductivity of the Alu-Selekta panel was determined by testing carried out by AWTA Product Testing.

The average value of Thermal Conductivity of the specimens tested was as follows: **0.25315 W/m.K**

The average value of Thermal Resistance of the specimens tested was as follows: **0.07 m^2K/W**

Source: *AWTA Product Testing, NATA Accreditation No. 983, 985 & 1356, Report No. 22-003310, Dated 20/10/2022.*

Span Tables

The following tables are based upon the following assumptions regarding the calculations of the Site Wind Speed in accordance with AS/NZS 1170.2:2021;

- Ms=1.0
- Mt=1.0

Importance Level 2 Structure – Wind Region A

Importance Level 2 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	**Terrain Category**	**Cladding Installation Height (m)**	**Kl = General Zones Kl=1.5**	**Kl = Edge Zones Kl=2.0**	**Kl = Corner Zones Kl=3.0**
A	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

Importance Level 2 Structure – Wind Region B

Importance Level 2 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	**Terrain Category**	**Cladding Installation Height (m)**	**Kl = General Zones Kl=1.5**	**Kl = Edge Zones Kl=2.0**	**Kl = Corner Zones Kl=3.0**
B	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

Importance Level 2 Structure – Wind Region C

Importance Level 2 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	**Terrain Category**	**Cladding Installation Height (m)**	**Kl = General Zones Kl=1.5**	**Kl = Edge Zones Kl=2.0**	**Kl = Corner Zones Kl=3.0**
C	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

Importance Level 3 Structure – Wind Region A

Importance Level 3 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	**Terrain Category**	**Cladding Installation Height (m)**	**Kl = General Zones Kl=1.5**	**Kl = Edge Zones Kl=2.0**	**Kl = Corner Zones Kl=3.0**
A	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4

Importance Level 3 Structure – Wind Region B

Importance Level 3 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	**Terrain Category**	**Cladding Installation Height (m)**	**Kl = General Zones Kl=1.5**	**Kl = Edge Zones Kl=2.0**	**Kl = Corner Zones Kl=3.0**
B	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4

Importance Level 3 Structure – Wind Region C

Importance Level 3 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	Kl = General Zones Kl=1.5	Kl = Edge Zones Kl=2.0	Kl = Corner Zones Kl=3.0
C	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact the Certificate Holder for details.

A5 Installation requirements

Installation must be in accordance with Alu-Selekta Channel Castelation Screenclad Installation Guide V2.

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)(e). Reports from A Professional Engineer.
3. Energy Efficiency Provisions A5G3(1)(d) Reports from Accredited Testing Laboratories.

B2 Reports

1. Ignis Labs Pty Ltd; NATA Accreditation No. 20534; Report No. IGNL-4211-01R I01 R00; Testing in accordance with AS 1530.1-1994: Combustibility Test for Materials; Dated 26/02/2021, Demonstrates the product Alu-Selekta is NOT deemed COMBUSTIBLE for compliance with C2D10 & H3D2.
2. Summermore Pty Ltd; Certification of Alu-Selekta Cladding in accordance with AS/NZS 1170.0:2002, AS/NZS 1170.1:2002, AS/NZS 1170.2:2021, AS/NZS 1664.1:1997 & AS 1562.1:2018; Dated 24/04/2023, Demonstrates that the product Alu-Selekta meets compliance with AS 1562.1 and F3D5 & H2D6(4).
3. Summermore Pty Ltd; ALU-SELEKTA CLADDING MAXIMUM BATTEN SPACING / FIXING SPACING TABLES - (19-19107) in accordance with AS/NZS 1170.2:2021; Dated 11/07/2019, Provides calculations in relation to the maximum batten spacing / fixing spacing tables for the purposes of meeting compliance with AS 1562.1 and F3D5 & H2D6(4).
4. AWTA Product Testing; NATA Accreditation No. 983, 985 & 1356; Report No. 22-003310; Steady-State Thermal Transmission Properties by Means of the Heat Flow Apparatus, Dated 20/10/2022, Demonstrates the Thermal Conductivity and Resistance of the Alu-Selekta panel for compliance with J1P2 & H6P1.
5. AWTA Product Testing; NATA Accreditation No. 983, 985 & 1356; Report No. 17-003431, Testing in Accordance with AS/NZS 1530.3-1999 Methods for Fire Tests on Building Materials, Components and Structures; Dated 20/07/2017, Demonstrates the Fire Hazard Properties of the Alu-Selekta panel when tested against AS/NZS 1530.3-1999 for compliance with C2D11.

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