

Certification Body:

Certificate number: CM30124 Rev 1



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Certificate Holder:

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THIS IS TO CERTIFY THAT

MondoClad – Solid Aluminium Panel Cladding System

Type and/or use of product:

MondoClad Solid Aluminium Cladding Panel System is used in external façade cladding applications, in all building types (BCA Volume 1 & 2).

Description of product:

MondoClad Solid Aluminium Cladding Panel System is an aluminium façade panel comprising:

- 3mm thick solid Aluminium cladding panel suitable for fabrication by Routing or Folding for cassette fixing system.
- MondoClad Panels are installed using standard components and accessories as described in MondoClad Fixed Watertight Cassette Specification, June 2021 (refer Appendix A3).

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

BCA 2019 + A1

	Volume One including Amendment 1		Volume Two including Amendment 1	
Performance Requirement(s)	FP1.4	Weatherproofing	P2.2.2	Weatherproofing
Deemed-to-Satisfy Provision(s):	C1.9 (e) (v)	Non-Combustible Building Elements		
	G5.2	Construction in Bushfire Prone Areas	3.10.5.0 (c)	Construction in Bushfire Prone Areas
State or territory variation(s):	NSW G5.2	Construction in Bushfire Prone Areas	NSW 3.10.5.0 (c)	Construction in Bushfire Prone Areas
	QLD G5.1	Construction in Bushfire Prone Areas	QLD 3.10.5.0 (a)	Construction in Bushfire Prone Areas

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.

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.

The purpose of Global-Mark **construction site audits** is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In placing the **CodeMark mark** on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the **expertise of external bodies** (laboratories, and technical experts).



Herve Michoux
Global-Mark Managing Director



Peter Gardner
Unrestricted Building Certifier

Date of issue: 26/08/2020

Date of expiry: 14/11/2023



Certificate of Conformity

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

Limitations and conditions:	Building classification/s:
<p>Volume 1 – FP1.4 & Volume 2 P2.2.2</p> <p>A MondoClad external wall may be considered weatherproof, when the external wall:</p> <ol style="list-style-type: none"> 1. Has a risk score of 20 or less, when the sum of all risk factor scores are determined in accordance with Table FV1.1; and 2. Is not subjected to an Ultimate Limit State wind pressure of more than ± 2.5 kPa; and 3. Includes only windows that comply with AS 2047 	<p>1, 2, 3, 4, 5, 6 & 9</p>
<p>Volume 1 – FP1.4 & Volume 2 P2.2.2</p> <p>A wall membrane / barrier must be installed to provide Weatherproof construction, where required.</p> <p>The system remains weatherproof up to Serviceability wind pressures of ± 1.5 kPa, when:</p> <ol style="list-style-type: none"> 1. Design & installation complies fully with “MondoClad Fixed Watertight Cassette Specification”, dated June 2021 & construction details contained in “Folded-Fixing-Systems-MondoClad-Sept 2019”, and/or “Routed-Fixing-Systems-MondoClad-Sept 2019”, and 2. Design accommodates deflection movements due to all design loads & temperature variations, and 3. Installation contractor complies with manufacturer’s instructions for sealants, shop drawings & project specifications, and 4. Perforated wall wraps (non-water barrier) may not be used, and 5. Fasteners and fixings are installed in accordance with manufacturer’s instructions & procedures, fixings to be weathertight and shall not restrict thermal or wind movement of the facade 	<p>1, 2, 3, 4, 5, 6 & 9</p>
<p>Volume 1 – C1.9</p> <p>This Certification is based upon the system being installed using components & accessories specified in the “MondoClad Fixed Watertight Cassette Specification”, dated June 2021 (refer Appendix A3). Substitution of such components & / or accessories may be permitted, however the general performance specifications of components & / or accessories must be maintained for this certificate to remain valid.</p>	<p>2, 3, 4, 5, 6, 7, 8 & 9</p>
<p>Volume 1 – C1.9 (a) (i)</p> <p>In a building required to be of Type A or B construction, construction elements and their components must be non-combustible for all external walls, common walls and non-loadbearing internal walls that are required to be fire-resisting.</p>	<p>2, 3, 4, 5, 6, 7, 8 & 9</p>
<p>Volume 1 – C1.9 (d)</p> <p>Isolation tapes, sealing tapes, backing rods as detailed in the “MondoClad Fixed Watertight Cassette Specification”, dated June 2021 (refer Appendix A3) may be considered gaskets, caulking and sealants as defined in Clause C1.9 (d) of BCA Volume 1.</p>	<p>2, 3, 4, 5, 6, 7, 8 & 9</p>
<p>Volume 1 – C1.9 (e)</p> <p>Flexible membrane “Sarking-type materials” must not exceed 1mm in thickness and must have a Flammability index not greater than 5.</p>	<p>2, 3, 4, 5, 6, 7, 8 & 9</p>

Certificate of Conformity

<p>Volume 1 – G5.2 & Volume 2 – 3.10.5.0 (c)</p> <p>In Bushfire prone areas, when the building is constructed in accordance with AS3959: 2018, MondoClad is permitted for use as external wall cladding only in buildings subject to Bushfire Attack Level BAL-Low, BAL-12.5 & BAL-19.</p> <p>For construction in BAL-29, BAL-40 and BAL-FZ, an assessment report from a qualified Bushfire consultant is required.</p>	<p>1, 2, 3 & 10</p>
<p>Volume 1 – NSW G5.2 & Volume 2 – NSW 3.10.5.0 (c)</p> <p>In Bushfire prone areas, when the building is constructed in accordance with AS3959: 2018, MondoClad is permitted for use as external wall cladding only in buildings subject to Bushfire Attack Level BAL-Low, BAL-12.5 & BAL-19.</p> <p>For construction in BAL-29, BAL-40 and BAL-FZ, an assessment report from a qualified Bushfire consultant is required.</p>	<p>1, 2, 3 & 10</p>
<p>Volume 1 – QLD G5.1 & Volume 2 – QLD 3.10.5.0 (a)</p> <p>In Bushfire prone areas, when the building is constructed in accordance with AS3959: 2018, MondoClad is permitted for use as external wall cladding only in buildings subject to Bushfire Attack Level BAL-Low, BAL-12.5 & BAL-19.</p> <p>For construction in BAL-29, BAL-40 and BAL-FZ, an assessment report from a qualified Bushfire consultant is required.</p> <p>This applies to buildings located in a designated Bushfire Prone area but does not apply, in accordance with AS3959: 2018, when the classified vegetation is Group F rainforest (excluding wet sclerophyll forest types), mangrove communities and grasslands under 300mm high.</p>	<p>1, 2, 3 & 10</p>
<p>General</p> <p>The supporting structures including stud frame & cavity sub framing, plus internal linings shall be designed & specified by a suitably qualified design professional in accordance with manufacturer guidelines and installed by suitably qualified and trained building professionals, in accordance with “MondoClad Fixed Watertight Cassette Specification”, dated June 2021 & construction details contained in “Folded-Fixing-Systems-MondoClad-Sept 2019”, and/or “Routed-Fixing-Systems-MondoClad-Sept 2019” .</p>	<p>1, 2, 3, 4, 5, 6, 7, 8, 9 & 10</p>

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Refer to page 1 of this certificate.

A2 Description of product

Refer to page 1 of this certificate.

This product is NOT an Aluminium Composite Panel (ACP).

A3 Product specification

Refer to items 1, 2, 3 & 4 listed in Appendix B2:

- MondoClad Fixed Watertight Cassette Specification, dated June 2021
- MondoClad Technical Datasheet, dated May 2019
- Folded-Fixing-Systems-MondoClad-Sept 2019
- Routed-Fixing-Systems-MondoClad-Sept 2019

A4 Manufacturer and manufacturing plant(s)

HVG Facades Pty Ltd

25 West Park Drive

Derrimut VIC 3030

Ph: 1300 881 712

hvgfacades.com.au

A5 Installation requirements

Refer to items 1, 2, 3 & 4 listed in Appendix B2:

- MondoClad Fixed Watertight Cassette Specification, dated June 2021
- MondoClad Technical Datasheet, dated May 2019
- Folded-Fixing-Systems-MondoClad-Sept 2019
- Routed-Fixing-Systems-MondoClad-Sept 2019

A6 Other relevant technical data

Refer to items 1, 2, 3 & 4 listed in Appendix B2:

- MondoClad Fixed Watertight Cassette Specification, dated June 2021
- MondoClad Technical Datasheet, dated May 2019
- Folded-Fixing-Systems-MondoClad-Sept 2019
- Routed-Fixing-Systems-MondoClad-Sept 2019
- Any referenced documents within the above listed technical literature.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The following assessment methods have been used to determine compliance with BCA 2019 including Amendment 1:

Code Clause	Assessment Method(s)	Evidence of suitability	Evidence reference in B2
BCA Volume One – FP1.4	A2.2 (2) (a) & (b)*	A5.2 (1) (d) & (f) – Test Report & Other Documentary Evidence	Items 1, 2, 3, 4 & 7
BCA Volume Two – P2.2.2	A2.2 (2) (a) & (b)*	A5.2 (1) (d) & (f) – Test Report & Other Documentary Evidence	Items 1, 2, 3, 4 & 7
BCA Volume One – C1.9	A2.3 (2) (a)	A5.2 (1) (d) – Test Report	Items 5 & 6
BCA Volume One – G5.2	A2.3 (2) (a)	A5.2 (1) (d) – Test Report	Item 5
BCA Volume Two – 3.10.5.0 (c)	A2.3 (2) (a)	A5.2 (1) (d) – Test Report	Item 5

* Compliance with A2.2(4) has not been established when undertaking the evaluation of this product and issuing the certification. A2.2(4) describes a process that is site specific, within which a CodeMark certificate may be part of the evidence considered.

B2 Reports

The following reports have been used as evidence to determine compliance with BCA 2019 including Amendment 1:

Ref	Author	Reference	Date / Revision	Description	NATA Registration
1	HVG Façades Pty Ltd	MondoClad Fixed Watertight Cassette Specification	June 2021	Client published specification	-
2	HVG Façades Pty Ltd	MondoClad Technical Datasheet	May 2019	Client published technical data sheet	-
3	HVG Façades Pty Ltd	Folded-Fixing-Systems-MondoClad	September 2019	Client published standard construction details	-
4	HVG Façades Pty Ltd	Routed-Fixing-Systems-MondoClad	September 2019	Client published standard construction details	-
5	Exova WarringtonFire	56715500a.3	14 October 2020	Fire test report	3277
6	AWTA	21-001480	08 April 2021	Fire test report	1356
7	Ian Bennie & Associates	2019-064-S1	9 July 2019	Weather-tightness test report	2371

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

End of Certificate.