Certificate of Conformity

Certification Body:

CMI CERTIFICATION

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Certificate Holder:

PRO PANEL

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Certificate number: CM40384 Rev1

THIS IS TO CERTIFY THAT

Pro Panel Houses and Low-Rise Multi-Residential External Wall System – Vertical 50/75mm AAC

Type and/or use of product:

External Wall Cladding System for residential and commercial buildings.

Description of product:

Low-Rise External Wall comprising several proprietary components including non-load bearing steel reinforced Autoclaved Aerated Concrete (AAC) panels.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2022 (Amdt. 2)**

	Volume One		Volume Two	
Performance Requirement(s):	F1P4	Rising damp	H2P3	Rising damp
Deemed-to-Satisfy Provision(s):	B1D4(1)(ii)	Determination of structural resistance	H1D7(4)(a)	Structure – Roof and wall cladding
	C2D2(2)	Fire resistance and stability - FRLs	H2D6(4)	Damp and weatherproofing – Roof and wall cladding
	C2D9	Lightweight construction	H3D3	Fire separation of external walls
	C2D10	Non-combustible building elements – limited to the Panel only	H4D9	Condensation management
	C2D11(3)	Fire hazard properties – Group Number	H6D2(1)(b)	Energy efficiency – Must be used in conjunction with other building elements to achieve the total R-Value.
	F3D5(1)(b)	Damp and weatherproofing – Roof and wall cladding	H7D4(2)(a)	Construction in bushfire prone areas
	F8D3(1)	Condensation management		
	G5D3	Construction in bushfire prone areas		
	J4D6	Energy efficiency – Must be used in conjunction with other building elements to achieve the total R-Value.		
State or territory variation(s):	G5D3 (NSW)		H7D4 (NSW, QLD & SA)	

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

Glen Gugliotti – CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 15/12/2025

Date of expiry: 30/08/2027

ABCB

JAS-ANZ

Certificate of Conformity

Limitations and conditions:

Building classification/s:

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

1. The Pro Panel Houses and Low-Rise Multi-Residential External Wall System must be installed in accordance with the Houses and Low-Rise Multi-Residential External Wall System Design & Installation Guide Vertical 50/75mm AAC Version 1 / July 2024.
2. For Class 2 to Class 9 buildings, the Pro Panel Houses and Low-Rise Multi-Residential External Wall System is suitable for only Type C Fire-Resisting Construction when fixed to timber stud framing.
3. Compliance with FRL is dependent on the system being constructed in accordance with Houses and Low-Rise Multi-Residential External Wall System Design & Installation Guide Vertical 50/75mm AAC Version 1 / July 2024. Any deviation from the assessed system does not form part of this certificate of conformity. Construction methods for external walls required to be fire resisting in relation to Class 1 and 10 buildings and structures must comply with Part 9.2 of the ABCB Housing Provisions.
4. The structural certification is limited to the cladding only and does not include the sub-structure. Pro Panel Houses and Low-Rise Multi-Residential External Wall System must be fixed to a structurally adequate external wall frame in accordance with the appropriate span tables in Section 6 Installation of the Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024.
5. The structural support members and maximum height restrictions are designed and engineered separately as per project requirements by building designers and engineers. In all cases, it is a requirement that the Pro Panel Houses and Low-Rise Multi-Residential External Wall System incorporates either;
   a) A timber frame constructed in accordance with AS 1684 or AS 1720.1; or
   b) A cold-formed steel frame constructed in accordance with NASH Standard for Residential and Low-rise Steel Framing, Part 1: Design Criteria; or
   c) Framework compliant with the above minimum requirements and other standards, and the Building Code of Australia as applicable
6. In all installations the minimum clearance between the underside of panel and the adjoining ground surface level below must comply with the specifications in Part 7.5.7 of the ABCB Housing Provisions.
7. The Pro Panel Houses and Low-Rise Multi-Residential External Wall System is suitable for use on buildings located in a designated Bushfire Prone Area subject to a Bushfire Attack Level (BAL) up to and including BAL–FZ when constructed in accordance with AS 3959:2018 (subject to state and territory variations) as outlined in A3 for a Class 1 building, a Class 2 building, a Class 3 building, or a Class 10a building.
8. Compliance with BAL Low-FZ is limited to the tested system that achieve a minimum of FRL of 30/30/30. Refer A3 for FRL systems. It is the responsibility of the Building Designer to ensure compliance is achieved in accordance with AS 3959-2018.
9. In NSW, the Pro Panel Houses and Low-Rise Multi-Residential External Wall System is suitable for use on buildings located in a designated Bushfire-Prone Area:
   a) For a Class 1 building, a Class 2 building, a Class 3 building, a Class 4 part of a building, or a Class 10a building when constructed in accordance with AS 3959:2018 except as amended by Planning for Bush Fire Protection for BAL–40.
   b) For a Class 9 building, that is a special fire protection purpose located in an area subject to a Bushfire Attack Level (BAL) not exceeding BAL–12.5 determined in accordance with AS 3959:2018.
10. 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.

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.

Certificate of Conformity

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

As per page 1.

A2 Description of product

PRO PANEL (VERTICAL) 50/75mm AAC Low-Rise External Wall System consists of 50mm or 75mm thick AAC panels screwed to either steel or timber wall framing through horizontal light-gauge steel top-hat battens & breathable wall wrap. AAC Panels are suspended from framing for all non-ground floor applications.

System Components

Panels:

50mm AAC Panel

Thickness:	**50mm**
Width:	600mm
Lengths:	1800, 2200, 2400, 2550, 2700, 2850, 3000mm
Reinforcement:	Single layer steel mesh, centrally located.
Steel bars:	4 x Ø 5mm longitudinal bars and 6-8 x Ø 5mm transverse bars (@<550mm spacing) depending on panel length.

75mm AAC Panel

Thickness:	**75mm**
Width:	600mm
Lengths:	1800, 2400, 2550, 2700, 2850, 3000mm
Reinforcement:	1800 to 3000mm single layer steel mesh, centrally located.
Steel bars:	4 x Ø 5mm longitudinal bars and 6-8 x Ø 5mm transverse bars depending on panel length.

Battens	For vertical panel orientation, battens shall be light gauge steel sections not less than 24 mm deep x 30 mm wide x 0.42 mm BMT Top Hat, Grade (G550) or equivalent, conforming with AS/NZS 4600. Cold-formed sections and accessories shall be manufactured from AM150, Z275 or AZ150 galvanized steel (Grade G550) conforming with AS 1397.
Wall Wrap	Breathable Wall Wrap must: – achieve a minimum Light Wall Duty Classification, and – Water Barrier Classification in accordance with AS 4200.1, and – be a Class 3 or 4 vapour control membrane in Climate Zones 4 or 5; or a Class 4 vapour control membrane in Climate Zones 6, 7 or 8. – have a "Low" Flammability Index (FI) in accordance with AS 1530.2, and – be installed in accordance with AS 4200.2
Damp Proof Course	Damp proof course (DPC) must conform with AS/NZS 2904 and BCA requirements.
48mm Wall Wrap Tape	Minimum 48mm wide, wrap-compatible pressure sensitive tape must be installed in accordance with the PRO PANEL (VERTICAL) 50/75mm AAC Low-Rise External Wall System Typical Construction Details including sealing the wall wrap around its perimeter, at joins, and at openings.
Flashings	Flashings are required where it is necessary to provide a barrier to prevent moisture from entering into the interior of a building from the exterior.
Panel Screws	To fix PRO PANEL 50mm or 75mm AAC panel to light gauge steel batten from outside the building, 14–10 Bugle Head or Hex Head Type 17 screw (Class 3 or 4). Screw length shall be 15 mm longer than the panel thickness. To fix PRO PANEL 75mm AAC panel to light gauge steel top hat batten from inside the building, 14–10 Hex Head Type 17 screw (Class 3 or 4). Screw length shall be 10 mm shorter than the panel thickness. Screws shall be: a) at least Class 3 for moderate and mild exposure environments; b) at least Class 4 for severe marine further than 100 m from breaking surf, marine and industrial exposure environments; and c) Class 4 stainless steel for severe marine exposure environments within 100 m of breaking surf.

Batten Screws	Timber Frame: 12–11 x 35 mm Hex Head Type 17 screw (Class 3 or 4), 2 per stud. Steel Frame: 10–16 x 16 mm Hex Head Self-drilling screw (Class 3 or 4), 2 per stud. Screws shall be: a) at least Class 3 for moderate and mild exposure environments; b) at least Class 4 for severe marine further than 100 m from breaking surf, marine and industrial exposure environments; and c) Class 4 stainless steel for severe marine exposure environments within 100 m of breaking surf.
Thin Bed Adhesive	The thin-bed adhesive shall have a characteristic tensile strength equal to or greater than the characteristic tensile strength of the AAC, and be C1E classification in accordance with AS ISO 13007.1.
Backing Rod	The 'backing rod' shall be a minimum of 10 mm wide and shall consist of an expanded polystyrene tube or bead.
External Coatings & Membranes	External coating systems used to provide weatherproofing in accordance with the NCC requirements or durability in accordance with AS 5146.3 Table 2.5, shall be water-resistant; be vapour-permeable; be capable of bridging up to a 1 mm crack in the substrate; consist of a base levelling coat, and texture and finish coats. Note that AS 5146.3 requires an embedded fibreglass mesh reinforcing coat with a maximum aperture of 10 mm by 10 mm and a minimum weight of 145 g/m2 when the panel thickness is less than 75 mm. When used to provide weatherproofing in accordance with the NCC requirements, external membrane systems shall be waterproof, and be capable of bridging up to a 1 mm crack in the substrate, and consist of a base levelling coat and membrane.

A3 Product specification

Structural reliability – Resistance to wind actions (B1D4(1)(ii) & H1D7(4)(a))	The Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System has been appraised for external wall applications when constructed in accordance with *Section 6 Installation* of the *Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024*. The construction details outlined in *Section 6 Installation* of the *Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024* are in accordance with the requirements of AS 5146.3, the maximum Design Ultimate Limit State Wind Pressures of the Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System and compliant with are described for 50mm thickness panels in Tables 1, 2, 3, 4, 5 & 6, and for 75mm thickness panels in Tables 7, 8, 9, 10, 11 & 12 below. ***Source:*** *Acronem Consulting Report ACA 240314 dated 08/08/2024 and Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024*
Material Testing (C2D9)	The Pro Panel Houses and Low-Rise Multi-Residential External Wall System (VERTICAL) 50/75mm AAC, has been subject to BCA Specification 6 Structural tests for lightweight construction Test Methods outlined in S6C10 material tests and deemed to comply with C2D9. ***Source:*** *Acronem Consulting Report ACA 240314 dated 08/08/2024.*
Fire resistance Level (C2D2(2) & H3D3)	The fire performance of Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System as an external wall to achieve a Fire Resistance Level (FRL), as required by Clause C2D2 for Type A Fire-Resisting Construction, including Specification 5 & Part 9.2.3(2) of the ABCB Housing Provisions has been verified by prototype testing & assessment performed by an Accredited Testing Laboratories in accordance with the requirements of AS 1530.4:2014, and as detailed in the Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024. The Fire Assessment Report identifies Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System, and other allowable variations to the tested system: - PRO PANEL (VERTICAL) 50/75mm AAC, supported on steel top-hat battens at max. 500mm c/c, max. panel end overhang 400mm, fixed with 14g-10x100mm type 17 batten, bugle head coarse thread, internal hex drive.

- Steel top-hat battens 24x0.42mm (BMT), G550 AAC Top-Hat Battens fixed with 12g-11 x 35mm type 17 hex head screws.
- Sarking compliant with AS 4200.1 with Flammability Index not greater than 5.
- Wall framing either timber framing 70x45 mm MGP10, or light-gauge steel framing (min. 0.55mm BMT) compliant with the relevant framing code.
- R2.0, 70mm, 10.3kg/m3 Glasswool Batt Insulation.
- Min. 10mm thickness Standard Grade Plasterboard fixed with stud adhesive, paper tape 6gx25mm bugle head needle point screws.
- A close control joint, min. 10mm panel separation, filled with backing rod to a depth of at least 15mm and covered with a fire grade external mastic.
- An expanded control joint is permitted to be provided up to 50mm in separation. The control joint is to be filled with mineral wool with a 10% compression to a depth of at least 50mm and density of at least 80kg/m3.
- Maximum wall height of 3.9m.

and concludes that Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System has been tested and assessed as having the capacity to maintain an FRL of 30/30/30, 60/60/60, 90/90/90 or 120/120/120 as applicable to the application.

Source: *Acronem Consulting Report ACA 240314 dated 08/08/2024 & Warringtonfire Aus Pty Ltd; Report No. FRT 230165 Revision 1.0 dated 25/01/2024 & Assurance Construction Testing and Certification Pty Ltd Report number: ACTC-8281-99R-01R I02R00 dated 31/07/2024.*

Non-combustible (C2D10)

The Pro Panel Houses and Low-Rise Multi-Residential External Wall System uses Pro Panel 50mm and 75mm panels are suitable for use where non-combustible materials are required in accordance with C2D10(6)(d) and H3D2(1)(d) of the Building Code of Australia as autoclaved aerated concrete that complies with AS 5146.1, AS 5146.2 and AS 5146.3.

Source: *Acronem Consulting Report ACA 240314 dated 08/08/2024.*

Fire Hazard Properties (C2D11(3))

The 50mm and 75mm Pro Panel meets the requirements of C2D11(3) as autoclaved aerated concrete that complies with AS 5146.1, AS 5146.2 and AS 5146.3.

Source: *Acronem Consulting Report ACA 240314 dated 08/08/2024.*

Bushfire Protection (G5D3 & H7D4)

The bushfire performance of the Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System in Class 1, 2, 3 & 10 Buildings, satisfies the requirements of AS 3959 for Bushfire Attack Level FZ (BAL FZ), when constructed in accordance with Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024, and AS 5146.3 Cl.2.7.2, (b) & (c), as:

"(b) All joints in the external surface material of walls shall be covered, sealed, overlapped, backed or butt-jointed to prevent gaps greater than 3 mm. NOTE: Alternatively, sarking-type material may be applied over the frame prior to fixing any external cladding.

(c) Vents and weepholes in external walls shall be screened with a mesh with a maximum aperture of 2 mm, made of corrosion-resistant steel or bronze.

NOTES:

AAC cladding above the floor level should be a closed system and would have no vents or weepholes. AAC cladding below the floor level may incorporate vents and weepholes if required.

Control of gaps between wall elements, other than for weatherproofing or vermin control, is not required when non-combustible wall construction is used."

Source: *Acronem Consulting Report ACA 240314 dated 08/08/2024.*

Rising Damp (F1P4 & H2P3)	The damp-proofing performance of the Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System to prevent unhealthy or dangerous conditions, or loss of amenity and undue dampness or deterioration of building elements is primarily achieved based on detailing that requires: "Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System clearance requirements shall be as per BCA requirements for 50mm to 150 mm clearance from finished ground level in accordance with Part 7.5.7 of the ABCB Housing Provisions. In addition, a damp proof course (not supplied by UBS) is detailed beneath the bottom plate, see Sections 4.4 & 6.6.1 as per BCA requirements in Part 5.7.4 of the ABCB Housing Provisions.", per Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024. ***Source:*** *Acronem Consulting Report ACA 240314 dated 08/08/2024.*
Weatherproofing (F3D5(1)(b) & H2D6(4))	Pro Panel and the Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System has been tested in accordance with AS 5146.1 & AS 5146.2 with design and construction in accordance with AS 5146.3. - As referenced in NCC 2022 Volume One, F3D5(1)(b), weatherproofing performance for autoclaved aerated concrete external wall cladding must comply with AS 5146.3. - As required in NCC 2022 Volume Two, H2D6(4), performance requirement H2P2 is satisfied for autoclaved aerated concrete if it is designed and constructed in accordance with AS 5146.1. In accordance with the above requirements Pro Panel (vertical) 75mm AAC Low-Rise External Wall System provides weatherproofing performance for AS 4055 Wind Classifications N1w, N2w, N3w, N4w, N5w, C1w, C2w, C3w and for AS/NZS 1170.2 Serviceability Limit State (SLS) Design Wind pressures up to +1.19 & -1.79kPa. ***Source:*** *Acronem Consulting Report ACA 231010 dated 26/06/2024 and Ian Bennie and Associates Test Reports No. 2019-019-S4 dated 01/07/2019 and Test Report No. 2019-019-S8 dated 17/12/2019*
Condensation Management (F8D3 & H4D9)	Pro Panel (vertical) 75mm AAC Low-Rise External Wall System incorporating; vapour permeable wall wrap beneath the battens, and thermal insulation within the framing cavity, satisfies NCC 2022 Volume One F8D3(1)(a) & Volume Two, 10.8.1(1)(a) requirements for condensation management in external wall construction. It should be noted that condensation is the result of complex interactions between the environment, building construction and occupant behaviour (Ref: Condensation in Buildings, Handbook, Australian Building Codes Board, 2023). Project specific condensation advice should always be sought in consultation with a suitably qualified building professional ***Source:*** *Acronem Consulting Report ACA 240314 dated 08/08/2024.*

Energy Efficiency (J4D6, H6D2(1))

Total R-values of Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System have been determined as:

Pro Panel (Vertical) 50/75mm AAC Exterior Wall Cladding System (with R2.0, 70mm batts)		**Total R-values (m^2.K/W)** incorporating thermal bridging in accordance with AS/NZS 4859.1:2018	
		Winter (Heat flow outwards)	**Summer (Heat flow inwards)**
50mm	Timber Frame	2.53 (UT = 0.40 W/m2K)	2.42 (UT = 0.41 W/m2K)
	Steel Frame	2.17 (UT = 0.46 W/m2K)	2.07 (UT = 0.48 W/m2K)
75mm	Timber Frame	2.74 (UT = 0.37 W/m2K)	2.63 (UT = 0.38 W/m2K)
	Steel Frame	2.43 (UT = 0.41 W/m2K)	2.34 (UT = 0.43 W/m2K)

These insulation R-values and Total R-values may be used:

- as inputs into an analysis for determining heating and cooling load limits using house energy rating software in accordance with S42C2 for demonstrating compliance with Clause H6D2(1)(a), or
- to satisfy the requirements of 13.2.5, where lightweight walls are required to include minimum insulation R-values or Total R-values.

For the purposes of determining the J4D6 Total System U-Value of wall-glazing construction as a combination of wall and glazing components comprising the envelope of a building, the contributions of U_T in the above table may be used for this purpose. J4D6(4) requires wall components of a wall-glazing system to achieve a minimum Total R-value of:

- R1.0 where the wall is less than 80% of the wall-glazing construction, or
- The Total R-value specified in Table J4D6a where the wall is 80% or more of the wall-glazing construction

The Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System meets the Table J4D6a Minimum Deemed-to-Satisfy Total R-value requirements with the exception of Class 3 or 9c building or Class 9a ward areas in Climate Zones 1, 3, 4, 6, 7 & 8.

Source: *Acronem Consulting Report ACA 240314 dated 08/08/2024.*

A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

Pro Panel Houses and Low-Rise Multi-Residential External Wall System – Vertical 50/75mm AAC must be installed in accordance with the Pro Panel, Houses and Low-Rise Multi-Residential, External Wall System, Vertical 50/75mm AAC, Design & Installation Guide, Version 1, July 2024.

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Energy Efficiency Provisions A5G3(1)(e). A report from a professional engineer.
2. Fire Safety Provisions A5G3(1)(d)&(e). A report issued by an Accredited Testing Laboratory & reports from a professional engineer.
3. Structural Resistance Provisions A5G3(1)(e). A report from a professional engineer.
4. Weatherproofing and Damp Rising Provisions A5G3(1)(e). A report from a professional engineer or other appropriately qualified person.

B2 Reports

1. Acronem Consulting Australia Pty Ltd; Report No. ACA 240314; Pro Panel (Vertical) 50mm/75mm AAC Houses And Low-Rise Multi-Residential External Wall Cladding System NCC 2022, Volumes One, Two & Housing Provisions – External Walls; Dated 08/08/2024. This report provides evidence and validates the below test reports for compliance with; B1D4(1)(ii), C2D2(2), C2D9, C2D10, C2D11(1)(b), F1P4, F3D5(1)(b), F8D3(1), G5D3, H1D7(4)(a), H2D6(4), H2P3, H3D2, H3D3, H4D9, H6D2(1)(b), H7D4(2)(a) & J4D6. This reports references and validates the following documents:
   a. Warringtonfire Aus Pty Ltd; NATA Accreditation No. 3277; Report No. FRT 230165 Revision 1.0; Fire Resistance Test Report, 50 mm AAC Load Bearing Wall Panels Dated 25/01/2024. Report provides evidence of FRLs for compliance with C2D2(2) & H3D3.
   b. Assurance Construction Testing and Certification Pty Ltd; IAS Accreditation No. TL-1162; Report number: ACTC-8281-99R-01R I02R00; Fire assessment report: UBS PRO PANEL external wall systems in accordance with AS 1530.4:2014; Dated 31/07/2024. Report provides evidence of FRLS for compliance with C2D2(2) & H3D3. G5D3 & H7D4(2)(a)
   c. Mahaffey Associates; Job No: 20536, ASTM E695-03 as modified by NCC 2022 S6C10 dated 11/04/2024 Testing in accordance with Specification 6 Material Testing for compliance with C2D9.
   d. Mahaffey Associates; Job No: 20536, Surface Indentation Test, NCC:2022, S6C10 dated 11/04/2024 Testing in accordance with Specification 6 Material Testing for compliance with C2D9.
   e. Acronem Consulting Australia Pty Ltd; Calculation Numbers: W240719aWS, W240719cWS; Calculation of Total Thermal Resistance, United Building Supply, Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System, (R2.0 batts, 70x45mm timber studs at 450mm centres &10mm plasterboard; Dated 19/07/2024. Calculations are in accordance with H6D2(1) and J4D6.
   f. Acronem Consulting Australia Pty Ltd; Calculation Numbers: W240719bWS, W240719dWS; Calculation of Total Thermal Resistance, United Building Supply Pro Panel (vertical) 50mm/75mm AAC External Wall Cladding System, (R2.0 batts, 70x35mm steel studs at 450mm centres &10mm plasterboard; Dated 19/07/2024. Calculations are in accordance with H6D2(1) and J4D6.

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