



# Certificate of Conformity

Certificate number: CM40286 Rev2

**Certification Body:**



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**THIS IS TO CERTIFY THAT**

## STAAC Wall 50® Vertical External Wall Cladding System

**Type and/or use of product:**

House/dwelling, low-rise multi-residential external façade wall system.

**Description of product:**

STAAC Wall 50® Vertical External Wall Cladding System comprises a steel reinforced 50mm autoclaved aerated concrete (AAC) 510kgm<sup>3</sup> panel that is installed vertically across horizontal top hats with top hats fixed to steel or timber stud framing with proprietary components.

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

	Volume One	Volume Two
<b>Performance Requirement(s):</b>	B1P1(1), (2)(a), (b), (c) & (d) Structural reliability	H1P1(1), (2)(a), (b), (c) & (d) Structural reliability and resistance
	F3P1 Weatherproofing – Refer <i>Limitation and condition 6</i>	H2P2 Weatherproofing – Refer <i>Limitation and condition 6</i>
<b>Deemed-to-Satisfy Provision(s):</b>	C2D2(2) Fire resistance and stability – Subject to <i>Limitation and condition 2</i> . Refer A3 for FRLs achieved.	H3D2 Non-combustible building elements – Limited to the STAAC Wall 50® panel only
	C2D10 Non-combustible building elements – Limited to the STAAC Wall 50® panel only	H3D3 Fire separation of external walls – Subject to <i>Limitation and condition 2</i> . Refer A3 for FRLs achieved.
	F8D3 Condensation management - Pliable building membrane. Refer <i>Limitation and condition 9</i>	H4D9 Condensation management - Pliable building membrane. Refer <i>Limitation and condition 9</i>
	G5D3 Construction in bushfire prone areas – BAL-FZ subject to <i>Limitation and Condition 13 &amp; 14</i> .	H7D4 Construction in bushfire prone areas – BAL-FZ subject to <i>Limitation and Condition 13 &amp; 14</i> .
	J4D6 Energy efficiency - Walls – Refer A3	H6D2(1)(b)(i) Energy Efficiency – External walls – Refer A3
<b>State or territory variation(s):</b>	G5D3 (NSW)	H4D9 (Tas), 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**

**Limitations and conditions:**

**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:** 17/02/2026

**Date of expiry:** 19/06/2026



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1. For Type A & B construction, the use of the STAAC Wall 50<sup>®</sup> System must be supported by a site-specific Performance Solution where the BCA requires building elements and/or ancillary elements to be non-combustible. Acceptance or otherwise of the site-specific Performance Solution is at the discretion of the appropriate Authority subject to the regulatory framework of the relevant State or Territory.
2. Compliance with FRL is dependent on the system components being as specified in A3. Any deviation from the tested specimen does not form part of this Certificate of Conformity.
3. The scope of this Certification does not include penetrations. Any proposed penetrations must be referred to the Certificate Holder.
4. Construction methods for external walls required to be fire resisting in relation to Class 1 and 10 buildings and structures must comply with Part 9.2.3 of the ABCB Housing Provisions.
5. The installation of STAAC Wall 50<sup>®</sup> external wall cladding system must not deviate from the contents of the [Houses and Low Rise Multi Residential 50mm External Walls Design and Installation Guide Version August 2025](#).
6. To satisfy F3P1 & H2P2 via verification, limited to N1 – N3, the relevant design is required to meet the criteria of F3V1 and/or V2.2.1 to the satisfaction of the Appropriate Authority as defined by the NCC. The site specific building must;
  - a. have a risk score of 20 or less, when the sum of all risk factor scores is determined in accordance with Table F3V1a/H2V1a; and
  - b. not be subjected to an ultimate limit state wind pressure of more than 2.5kPa; and
  - c. include only windows that comply with AS 2047.Compliance with Weatherproofing is limited to the tested specimen detailed in A3, deviations from this specimen, is subject to site specific design and approval by the regulatory authority.
7. STAAC Wall 50<sup>®</sup> Vertical External Wall Cladding System is subject to design and certification of the stud frame by a qualified professional structural engineer and must be constructed in accordance with AS 5146.3:2018.
8. STAAC Wall 50<sup>®</sup> External Walls have not been tested and certified for impact loading from windborne debris in Region C and D as denoted in AS/NZS 1170.2:2011 (R2016). The building designer should take into consideration internal pressure resulting from dominant openings.
9. Where used in external walls, the AAC panels must be separated from water sensitive framing materials by a pliable building membrane that complies with AS/NZS 4200.1 and that is installed in accordance with AS 4200.2. Such membrane must be vapour permeable for installations in climate zones 6, 7 and 8.
10. In all installations the minimum clearance between the underside of panel and the adjoining surface level below must comply with the specification in Part 7.5.7 of the ABCB Housing Provisions.
11. The design and installation of the STAAC Wall 50<sup>®</sup> Vertical External Wall Cladding System must be in accordance with Batten specification is in Section 9.4 of the STAAC WALL 50<sup>®</sup> Dual Zero Boundary Wall design and install manual and the Batten span, spacing, fixing, per AS 4055 Wind Category is specified in Tables 9.1, 9.2 & 9.3 in the manual. The design must include either:
  - a. Timber stud framing must be designed and constructed in accordance with the AS 1684 series or AS 1720.1.
  - b. Steel stud framing must be designed and constructed in accordance with "Cold-formed steel structures: AS/NZS 4600" or
  - c. "Residential and low-rise steel framing: NASH Standard – Residential and Low-Rise Steel Framing, Part 1 or Part 2".
12. 50mm STAAC WALL<sup>®</sup> panels can be used in coastal areas with additional precautions to ensure salt does not build up on the surface of the wall. For buildings which are ≤1000 metres from a shoreline or large expanse of salt water one of the following is required:
  - a. All horizontal and vertical movement joints must be appropriately caulked; and
  - b. All walls must be sufficiently exposed from above so that rain can perform natural wash-down of the wall; or
  - c. Walls which are protected by soffits above must be washed down twice per year to remove salt and debris build-up particularly at the joints; and
  - d. In all cases, Class 3 screws must be used as a minimum
13. In order to maintain compliance with BAL, it is the responsibility of the Building Designer to ensure compliance is achieved in accordance with AS 3959:2018. Compliance with BAL should be reviewed with the respective BAL requirements of AS 3959 by Building Designers & Authorities having jurisdiction as each building may require specific design or construction requirements outside of the specific wall material.
14. Compliance with BAL-FZ is limited to the requirements of Section 9.1 of AS 3959:2018 and requires a minimum distance of 10m from the edge of any classified vegetation. This product is not suitable to be installed where the 10m setback distance between the building and the edge of the classified vegetation cannot be achieved.



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15. In order to comply with the NSW provisions of G5D3, a site-specific performance solution is to be prepared in line with the Planning for Bush Fire Protection 2019 guidance document.
16. 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.
17. 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](http://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

As per page one.

### A2 Description of product

#### STAAC Wall 50® Panel Physical Properties

Thickness:	50mm, tolerance: ±1.5mm
Standard Width:	600mm, tolerance: ±1.5mm
Standard Length:	2000, 2200, 2400, 2550, 2700, 2750, 2850, 3000mm, tolerance: ±5mm
Edge Straightness Deviation (max.):	±1.5mm
Reinforcement:	5 x 4mm diameter steel bars for 2000-2700mm long panels. 5 x 5mm diameter bars for 2850 and 3000mm panels
Nominal Dry Density:	510 kg/m <sup>3</sup>
Average working density:	689 kg/m <sup>3</sup> at 35% moisture content
Average service life density:	561 kg/m <sup>3</sup> at 10% moisture content

#### System Components

STAAC WALL 50® panel	Length (mm)	Width (mm)	Weight (kg) at 35% M.C.	Length (mm)	Width (mm)	Weight (kg) at 35% M.C.
	2000	600	42	2700	600	56
	2200	600	46	2750	600	57
	2400	600	50	2850	600	59
	2550	600	53	3000	600	62

**Steel Battens** Perforated steel top hat battens in 24mm and 35mm depth to provide immediate support to STAAC Wall 50® panels.

**Fasteners & Fixings**

- Internal fixing of top hat to timber stud frame; 12-11 x 35mm hex head type 17 screw.
- Fixing of top hat to steel framing; 10-16 x 16mm hex head self-drilling screw.
- Face fixing of STAAC Wall 50® panels to top hat 14-10 x 65mm bugle head type 17 screw.

**Hebel® Mortar** Hebel® Mortar (supplied in 20kg bags) when required is used as a thick bed mortar base to provide a level base for STAAC Wall 50® installation as well as providing acoustic and fire protection at the base of the panels.

**Hebel® Adhesive** Hebel® Adhesive (supplied in 20kg bags) is used for gluing the STAAC Wall 50® panels together at vertical and horizontal joints.

**Hebel® Patch** Minor chips or damage to STAAC Wall 50® panels are to be repaired using Hebel® Patch (supplied in 10kg bags).

**Anti-Corrosion Protection Paint** To coat exposed reinforcement during cutting.

## A3 Product specification

Structural reliability and resistance

[B1P1(1), (2)(a), (b), (c) & (d), H1P1(1), (2)(a), (b), (c) & (d)]

### Batten and Fixing Selection

Table 1 – Number of support battens for panel supported at base or suspended from frame

Wind Classification	Ultimate Wind Pressure (kPa)			Number of top hats per panel							
	Away from corners	Within 1200mm of corners	Stud Spacing (mm)	Panel Length (mm)							
				≤ 2400		≤ 2700		≤ 3000		≤ 3300	
				Panel Location		Panel Location		Panel Location		Panel Location	
			Typical	Corner	Typical	Corner	Typical	Corner	Typical	Corner	
N2	0.67/-0.62	-1.25	600	4	4	4	4	4	4	4	4
N3	1.05/-0.98	-1.95	600	4	4	4	4	4	4	4	5
N3	1.05/-0.98	-1.95	450	4	4	4	4	4	4	4	4

Note: \*One additional top hat is required when CSR direct fix clips are used to support top hats.

Table 2 – Number of screws per panel at each batten location

Wind Classification	Ultimate Wind Pressure (kPa)			Stud Spacing (mm)	Number of screws per panel per batten			
	Away from corners	Within 1200mm of corners	Panel location		Panel location			
					Typical		Corner	
					End	Internal	End	Internal
N2	0.67/-0.62	-1.25	600	2	2	3	4	
N3	1.05/-0.98	-1.95	600	2	3	3	4	
N3	1.05/-0.98	-1.95	450	2	3	4	4	

**Note:**

1. Negative wind pressure ( - ); Positive wind pressure ( + ). Negative pressure is acting away from the panel and positive pressure is acting towards the panel.
2. All battens to be spaced equally, with top and bottom battens positioned at maximum 250mm from the end of the panel.
3. Corner panel location applies to panels within 1200mm of a building corners.
4. For intermediate panel lengths, use the design from the longer panels presented in Table 9.1.
5. “End” refers to the top and bottom rows of battens. “Internal” refers to rows of batten excluding the top and bottom row. Refer to Figure 16.3.2. in [Houses and Low Rise Multi Residential 50mm External Walls Design and Installation Guide Version August 2025](#).

**Non-combustibility**  
[H3D2, C2D10]

The certificate holder has provided the Certificate of Test for Combustibility for Materials in accordance with AS 1530.1:1994 for STAAC Wall 50® – Autoclaved Aerated Concrete (AAC) of density 510kgm<sup>3</sup>. **The material is NOT deemed combustible - Limited to the panel only.**

Source: CSIRO; NATA Accreditation No. 165; Report No. FNC12427B dated 30/07/2019.

**Bushfire Construction**  
[G5D3, H7D4]

The STAAC WALL® External Wall System had been tested for FRL performance in accordance to AS1530.4 that satisfied the construction requirements up to BAL - FZ as specified in Australian Standard AS3959. It is the responsibility of the building designer to ensure compliance to AS 3959 is achieved in accordance with clause H7D4(2)(a) of NCC 2022 Volume 2 & Housing Provisions.

Source: CSIRO; NATA Accreditation No. 165; Assessment Report No. FCO-3241 Rev B, dated 25/11/2022..

**Fire resistance Level**

FRL Systems -CSIRO Report FCO-3241

Contact the Certificate Holder for construction details and drawings to achieve Fire-resistance level (FRL) - 90/90/90 from panel side only.

**[C2D2(2), H3D3]**

System Components

Component	Detail	Description	
AAC Panel	<b>Name</b>	STAAC Wall 50®	
	<b>Material</b>	AAC as tested 682kg/m <sup>3</sup> 600mm wide, 50mm thick and 2400mm to 3000mm long. Manufacturer states Dry Density to be 510kg/m <sup>3</sup>	
	<b>Installation</b>	Installed vertically and laterally supported by aluminium clips at the top and bottom that are fixed to the structural frame. Vertical joints clued together with CSR Hebel Adhesive. Panels may be filled at the bottom with Hebel Mortar or with CSR Hebel Adhesive.	
Furring Channel and Fixing	<b>Name</b>	Tophat and clips	
	<b>Product</b>	Tophat - RONDO #303 with RONDO 311D direct fixing clip Tophat – 24mm deep (min) steel tophat screw fixed to framing	
	<b>Material</b>	Galvanised mild steel.	
	<b>Installation</b>	The RONDO #303 tophat is screw fixed to the STAAC Wall 50® with a 12-11 x 35 type 17 hex head screw and clip fixed to the RONDO 311D direct fixing clip. RONDO 311D direct fixing clip is screw fixed to timber frame with 2/12-11x35 type 17 hex head screws or for steel frame 2/10-16x16 Hex Tek screws. The STAAC Wall 50® is screw fixed to the 24mm deep (min) steel top hat with a 14-10 x 65mm bugle head screw. The tophat is screw fixed to timber frame with 2/12-11x35 type 17 hex head screws or for steel frame 2/10-16x16 Hex Tek screws.	
Structural Timber Frame	<b>Name</b>	Timber wall and floor framing	
	<b>Material</b>	Structural timber designed in accordance with AS 1684 or AS 1720.1.	
	<b>Installation</b>	Installed in accordance with above standards or project engineer's specifications.	
Structural Steel Frame	<b>Name</b>	Steel wall and floor framing	
	<b>Material</b>	Light gauge structural steel frame designed in accordance with "AS/NZS 4600" or "Residential and low-rise steel framing: NASH Standard – Residential and Low-Rise Steel Framing, Part 1 or Part 2"	
	<b>Installation</b>	Installed in accordance with above standards or project engineer's specifications.	
Wall Linings	<b>Name</b>	Internal Wall Linings	
	<b>Material</b>	<b>Material</b>	Specification
		<b>Plasterboard</b>	10mm Gyprock plus
		<b>Plasterboard</b>	Any other standard grade, water grade, acoustic grade, fire grade plasterboard manufactured in accordance with AS 2589 and with a density greater than 5.7kg/m <sup>2</sup> .
	<b>Fibre Cement</b>	Any 6mm fibre cement manufactured in accordance with AS 2908.2 and greater than 6mm in thickness with or without tiles.	
<b>Installation</b>	Linings may be fixed with "screw and glue" installation methods in accordance with manufacturer's specifications. Lining joints shall be taped and set in accordance with manufacturer's specifications.		
Insulation	<b>Name</b>	Wall Insulation	
	<b>Material</b>	Polyester, glasswool or Rockwool or no insulation may be installed in wall cavities without detrimentally affecting their FRL.	
	<b>Installation</b>	Installed in accordance with project specifications.	
Vertical and horizontal panel joint filling	<b>Name</b>	Joint Sealant.	
	<b>Material</b>	CSR FireSeal™ sealant over PE backing rod.	
	<b>Installation</b>	CSR FireSeal™ sealant shall be installed in gaps up to 10mm wide and 10mm deep over PE backing rod.	

Source: CSIRO; NATA Accreditation No. 165; Assessment Report No. FCO-3241 Rev B, dated 25/11/2022.

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Thermal performance	Thermal performance of 75mm STAAC WALL® external wall system - timber stud frame						Total R-Value m <sup>2</sup> .K/W	
	Plasterboard	Stud Frame	Batts	Wall wrap	Tophat Cavity	AAC	Summer	Winter
[H6D2(1)(b)(i), J4D6]		70mm Timber Stud Frame	70mm Bradford Soundscreen R2.0 Batts	Thermoseal Wall Wrap XP	24mm		3.03	3.15
				Enviroseal ProctorWrap RW			2.68	2.79
	10mm Plasterboard	90mm Timber Stud Frame	90mm Bradford Gold Wall Batts R2.0	Thermoseal Wall Wrap XP	35mm	75mm STAAC WALL® Panel	3.03	3.15
				Enviroseal ProctorWrap RW			2.68	2.79
				90mm Bradford Gold Wall Batts R2.5	24mm		3.07	3.23
				Enviroseal ProctorWrap RW			3.09	3.24
				90mm Bradford Polymax Wall Batts R2.5	24mm		3.09	3.24
				Enviroseal ProctorWrap RW			3.23	3.37
				90mm Bradford Gold Wall Batts R2.7	35mm		3.07	3.23
				Enviroseal ProctorWrap RW			3.09	3.24
	90mm Bradford Polymax Wall Batts R2.5	35mm	3.09	3.24				
	Enviroseal ProctorWrap RW		3.23	3.37				

Thermal performance of 75mm STAAC WALL® external wall system - steel stud frame							Total R-Value m <sup>2</sup> .K/W	
Plasterboard	Stud Frame	Batts	Wall wrap	Tophat Cavity	AAC	Summer	Winter	
10mm Plasterboard	64mm Steel Stud Frame	70mm Bradford Soundscreen R2.0 Batts	Thermoseal Wall Wrap XP	24mm	75mm STAAC WALL® Panel	3.03	3.15	
			Enviroseal ProctorWrap RW			2.68	2.79	
	92mm Steel Stud Frame	90mm Bradford Gold Wall Batts R2.0	Thermoseal Wall Wrap XP	35mm		3.03	3.15	
			Enviroseal ProctorWrap RW			2.68	2.79	
			90mm Bradford Gold Wall Batts R2.5	24mm		3.07	3.23	
			Enviroseal ProctorWrap RW			3.09	3.24	
			90mm Bradford Polymax Wall Batts R2.5	24mm		3.09	3.24	
			Enviroseal ProctorWrap RW			3.23	3.37	
			90mm Bradford Gold Wall Batts R2.7	35mm		3.07	3.23	
			Enviroseal ProctorWrap RW			3.09	3.24	
	90mm Bradford Polymax Wall Batts R2.5	35mm	3.09	3.24				
	Enviroseal ProctorWrap RW		3.23	3.37				

- Note:**
1. Refer to NCC for state and territory variations.
  2. The Total R-values provided in this table have been evaluated based on the properties of the specified components. Products with similar or equivalent properties may achieve the same performance. Consult product manufacturer for substitution recommendation and evidence of conformity.
  3. Refer to NCC for alternative means of satisfying the required performance levels.
  4. Refer to manufacturer's product literature for design & installation requirements on wall wrap/ sarking and insulation.
  5. Stated R-values have been provided by J. Fricker in report i107e dated 29/04/2024.
  6. Stated R-values include a 6mm skim render.

## A4 Manufacturer and manufacturing plant(s)

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

## A5 Installation requirements

The installation of the STAAC Wall 50® Vertical External Wall Cladding System must not deviate from the contents of the [Houses and Low Rise Multi Residential 50mm External Walls Design and Installation Guide Version August 2025](#).

1. Only to be installed by a suitably qualified tradesperson in accordance with the design and installation guide [Houses and Low Rise Multi Residential 50mm External Walls Design and Installation Guide Version August 2025](#).
2. The walls are constructed in accordance with AS 5146.3:2018.
3. Stud wall support frame to be designed and certified by others.

Where weatherproofing is required:

1. External coating system to be in accordance with AS 5146.3:2018 and comply with AS/NZS 4548.5:1999 and must be suitable and compatible with AAC substrate (with priming where required).
2. External coating system shall contain an embedded fibreglass mesh reinforcing coat with maximum aperture of 10 mm by 10 mm and minimum weight of 145 g/m<sup>2</sup> (incorporated in the base levelling coat) and 200mm wide positioned centrally over panel adhesive joints for vertically orientated panels.
3. The first (texture) coat and second (finish) coats must be acrylic latex coatings complying with AS/NZS 4548.1:1999.
4. The coatings must be suitable and compatible with AAC STAAC Wall 50® substrate (with priming where required).
5. Coatings to comply with AS/NZS 4548.5:1999.
6. Coating manufacturer to specify minimum coating dry film thickness to comply with AS/NZS 4548.5:1999.
7. The following External coating systems are acceptable for use with STAAC Wall 50®:
  - Rockcote Armorflex
  - Dulux AcraTex

## A6 Other relevant technical data

**Acoustic Properties** Predicted Rating: RW = 35; Ctr-4, RW+ Ctr= **31dB**.

*Source: Acoustic Logic Consultancy Report 20130786.1/0209A/R0/GW dated 02/09/2013.*

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

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

### B2 Reports

1. AECOM; Expert opinion on the weathertightness testing to the Verification Methods FV1 & V2.2.1: Dated 02/04/2020. Report provides professional opinion that Performance Requirements for weatherproofing have been met based on previous testing of AAC systems (F3P1 and H2P2).
2. James M Fricker; Report No. i107f; Determination of R values by calculation in accordance with AS/NZS 4859.1:2018; Dated 29/04/2024. Report confirms R-value achieved by the STAAC Wall Systems (J4D6 & H6D2(1)(b)(i)).
3. CSIRO; NATA Accreditation No. 165; Report No. FCO-3241 Rev B; Fire resistance in accordance with AS1530.4:2014; Dated 25/11/2022. Report provides Compliance with C2D2(2) H3D3.
4. PACE Structural; Report Number. PS25075; Structural design certificate of STAACWall50 Houses and Low Rise Multi Residential 50mm External Walls; Dated 01/10/2025. Report confirms the structural design capacity calculations on the Stoddart Houses and Low Rise Multi Residential 50mm External Walls comply with B1P1(1), (2)(a), (b), (c) & (d) and H1P1(1), (2)(a), (b), (c) & (d).
5. Stoddart; Houses and Low Rise Multi Residential 50mm External Walls Design and Installation Guide, Condensation Management; August 2025. Manual provides details the requirements for installation of pliable building membrane that complies with AS/NZS 4200.1:2017 and that is installed in accordance with AS 4200.2:2017 and F8D3 & H4D9.

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