

Certificate number: CM40467

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THIS IS TO CERTIFY THAT

Hardie™ Gravis™ Panel External & Zero Lot Walls

Type and/or use of product:

External wall cladding

Description of product:

The Hardie™ Gravis™ Panel External & Zero Lot Walls are an external wall system that comprises of 50mm or 75mm autoclaved aerated concrete (AAC) panels and proprietary components vertically installed across horizontal top hats with top hats fixed to steel or timber stud framing. Refer A2 for details.

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

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	B1D4(b)(ii) Structure – Determination of structural resistance of materials and forms of construction C2D2(2) Fire Resistance and Stability – Subject to <i>limitation and Condition 4</i> . Refer A3 for FRLs. C2D10(5)(e) Non-combustible building elements – Limited to the AAC Panel Only - Refer A3. F3D5(1)(b) Weatherproofing – Wall Cladding F8D3 Condensation Management – Subject to <i>limitation and condition 5</i> . Refer A3. G5D3 Construction in bushfire prone areas – Subject to <i>limitation and condition 6 & 7</i> . G5D4 Construction in bushfire prone areas Protection – certain Class 9 buildings – Subject to <i>limitation and condition 6 & 7</i> . J3D8 External walls of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building	H1D7(4)(a) Structure – Roof and wall cladding H3D3 Fire separation of external walls - Subject to <i>limitation and Condition 4</i> . Refer A3 for FRLs. H3D2 Non-combustible building elements – Limited to the AAC Panel Only - Refer A3. H2D6(4) Weatherproofing – Roof and wall cladding H4D9 Condensation Management – Subject to <i>limitation and condition 5</i> . Refer A3. H7D4 Construction in bushfire prone areas – Subject to <i>limitation and condition 6 & 7</i> . H6D2 Energy Efficiency – External Walls. Must be used in conjunction with other building elements to achieve a Total R Value. (1)(b)(ii)


 Glen Gugliotti – CMI


 Don Grehan – Unrestricted Building Certifier

Date of issue: 23/03/2026

Date of expiry: 23/03/2029



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J3D9	Wall-glazing construction of a sole-occupancy unit of a Class 2 building or a Class 4 part of a building
J4D6	Energy Efficiency – External Walls. Must be used in conjunction with other building elements to achieve a Total R Value.

State or territory variation(s): B1D4 (NT, QLD, VIC), C2D2 (SA), G5D3 (NSW), G5D4 (NSW, VIC), Part J3(NT, TAS), J3D8 (NSW), J3D9 (NSW) & J4D6 (NSW) H1D7 (WA), H4D9 (TAS), H7D4 (NSW, QLD, SA), PART H6 (NSW, NT, TAS) & H6D2(1)(b)(ii) (VIC)

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. Construction shall be in strict accordance with the [Hardie™ Gravis™ Panel External & Zero Lot Walls Installation Guide Australia March 2026](#).
2. In all cases, it is a requirement that the Hardie™ Gravis™ Panel External & Zero Lot Walls incorporates either;
 - a. A timber frame constructed in accordance with AS 1684-2010 series; or
 - b. NASH Standard for Residential and Low-rise Steel Framing, Part 1: Design Criteria
 The structural support members are designed and engineered separately as per project requirements by building designers and engineers.
3. The Hardie™ Gravis™ Panel External & Zero Lot Walls has not been tested and certified for impact loading from windborne debris in Region C and D as denoted in AS 1170.2:2021. The building designer should take into consideration internal pressure resulting from dominant openings.
4. Compliance with FRL is dependent on the system as specified in A3 being installed in accordance with the [Hardie™ Gravis™ Panel External & Zero Lot Walls Installation Guide Australia March 2026](#). Any deviation does not form part of this certificate of conformity.
5. Hardie™ Gravis™ Panel External & Zero Lot Walls must only incorporate sarking-type materials that comply with the requirements of AS 4200.1:2017, including an AS 1530.2-1993 Flammability Index not greater than 5. Sarking type material that meets this specification complies with Table S7C7 requirement to have a Flammability Index not exceeding 5.
6. 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.
7. 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.
8. 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

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

The Hardie™ Gravis™ Panel External & Zero Lot Walls are an external wall system that comprises of 50mm or 75mm autoclaved aerated concrete (AAC) panels and proprietary components vertically installed across horizontal top hats with top hats fixed to steel or timber stud framing.

Material Properties AAC Panel	Property	Value		Property	Value		
	Panel Thickness	<i>d</i> (mm)	50	75	Panel Thickness	<i>d</i> (mm)	50 75
	Panel Width	<i>w</i> (mm)	600	600			
	Panel Length (max.)	<i>L</i> (mm)	3000	3300			
	Dry Density	(kg/m ³)	485	425	Characteristic AAC Compressive Strength	<i>f_{ck}</i> (MPa)	3.27 2.39
	AAC Working Density (At 15% moisture content)	(kg/m ³)	558	489	AAC Characteristic Flexural Strength	<i>f_{eflk}</i> (MPa)	0.589 (calculated) 0.719 (as tested)
	Mass per Square metre (At 15% moisture content)	(kg/m ²)	27.9	36.7	Elastic Modulus of AAC	(MPa)	927 (calculated) 344 (as tested)
					Design Serviceability Limit State Deflection Limit		L/250 L/250

System Components

Product	Description																																																																																				
Hardie™ Gravis™ Panel	Hardie™ Gravis™ Panels are manufactured from Autoclaved Aerated Concrete (AAC), internally reinforced with a corrosion-protected steel mesh.																																																																																				
	<table border="1"> <thead> <tr> <th>Length (mm)</th> <th>Width (mm)</th> <th>Thickness (mm)</th> <th>Weight per unit (kg/m³)*</th> <th>Weight per meter (kg/m²)*</th> <th>Product Code</th> </tr> </thead> <tbody> <tr><td>2200</td><td>600</td><td>50</td><td>45</td><td>34</td><td>900001</td></tr> <tr><td>2400</td><td>600</td><td>50</td><td>50</td><td>34</td><td>900002</td></tr> <tr><td>2550</td><td>600</td><td>50</td><td>53</td><td>34</td><td>900003</td></tr> <tr><td>2700</td><td>600</td><td>50</td><td>56</td><td>34</td><td>900004</td></tr> <tr><td>2850</td><td>600</td><td>50</td><td>59</td><td>34</td><td>900005</td></tr> <tr><td>3000</td><td>600</td><td>50</td><td>62</td><td>34</td><td>900006</td></tr> <tr><td>2200</td><td>600</td><td>75</td><td>55</td><td>42</td><td>900007</td></tr> <tr><td>2400</td><td>600</td><td>75</td><td>61</td><td>42</td><td>900008</td></tr> <tr><td>2550</td><td>600</td><td>75</td><td>64</td><td>42</td><td>900009</td></tr> <tr><td>2700</td><td>600</td><td>75</td><td>68</td><td>42</td><td>900010</td></tr> <tr><td>2850</td><td>600</td><td>75</td><td>72</td><td>42</td><td>900011</td></tr> <tr><td>3000</td><td>600</td><td>75</td><td>76</td><td>42</td><td>900012</td></tr> <tr><td>3300</td><td>600</td><td>75</td><td>83</td><td>42</td><td>900013</td></tr> </tbody> </table>	Length (mm)	Width (mm)	Thickness (mm)	Weight per unit (kg/m ³)*	Weight per meter (kg/m ²)*	Product Code	2200	600	50	45	34	900001	2400	600	50	50	34	900002	2550	600	50	53	34	900003	2700	600	50	56	34	900004	2850	600	50	59	34	900005	3000	600	50	62	34	900006	2200	600	75	55	42	900007	2400	600	75	61	42	900008	2550	600	75	64	42	900009	2700	600	75	68	42	900010	2850	600	75	72	42	900011	3000	600	75	76	42	900012	3300	600	75	83	42	900013
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* Panel weights are based on 35% moisture content at time of handling/install

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Product	Description																		
Hardie™ Gravis™ Top Hat	Hardie™ Gravis™ Top Hat in nominal widths of 24mm and 35mm. They have been designed and constructed in accordance with AS 3623 Domestic metal framing and AS/NZS 4600 Cold-formed steel structures.																		
	<table border="1"> <thead> <tr> <th>Length (mm)</th> <th>Width (mm)</th> <th>Flange Height (mm)</th> <th>BMT (mm)</th> <th>Steel Grade</th> <th>Product Code</th> </tr> </thead> <tbody> <tr> <td>4800</td> <td>80</td> <td>24</td> <td>0.42</td> <td>G550</td> <td>700005</td> </tr> <tr> <td>4800</td> <td>80</td> <td>35</td> <td>0.42</td> <td>G550</td> <td>700006</td> </tr> </tbody> </table>	Length (mm)	Width (mm)	Flange Height (mm)	BMT (mm)	Steel Grade	Product Code	4800	80	24	0.42	G550	700005	4800	80	35	0.42	G550	700006
Length (mm)	Width (mm)	Flange Height (mm)	BMT (mm)	Steel Grade	Product Code														
4800	80	24	0.42	G550	700005														
4800	80	35	0.42	G550	700006														
Hardie™ Wrap Weather Barrier	Hardie™ Wrap Weather Barrier is a water barrier and vapour permeable membrane. Unit size: 2.75 x 30m. Coverage: 82.5m ² per roll. Product Code 3056640																		
Hardie™ Joint Sealant	Hardie™ Joint Sealant is a general purpose polyurethane exterior grade joint sealant. Pack Size: 20/Box. Coverage: 1.0m/100ml (10mm control joint). 300ml Cartridge - Product Code 305534 600ml Sausage - Product Code 305672																		
Hardie™ Gravis™ Adhesive 20kg	Hardie™ Gravis™ Adhesive is an off-white cement based adhesive which has been specifically formulated for bonding Hardie™ Gravis™ Panels together at vertical and horizontal joints. Hardie™ Gravis™ Adhesive can also be used as a patching compound. Pack size 20kg Product Code 700001																		
Hardie™ Gravis™ Anti-Corrosion Sealer 0.5L	Hardie™ Gravis™ Anti-Corrosion Sealer is used to protect the exposed ends of reinforcement exposed during panel cutting. Pack size 0.5L. Product Code 700003																		
Hardie™ Gravis™ Base Sealer 5L	Hardie™ Gravis™ Base Sealer is used to seal the base of Gravis panels that may come in contact with soil. Pack size 5L. Product Code 700004																		
Hardie™ Gravis™ Patch 10kg	Hardie™ Gravis™ Patch is used for repairing minor chips or damage to Gravis panels. Pack size 10kg. Product Code 700002																		
Hardie™ Gravis™ Panel Mortar 20kg	Hardie™ Gravis™ Panel Mortar is applied as a levelling mortar bed for accurate and secure placement of the first course of Hardie™ Gravis™ Panels. Pack size 20kg. Product Code 700011																		
Hardie™ Internal Lining	Hardie™ internal lining or selected exterior cladding products can be used on the internal side of the wall. Please note, if requiring to achieve certain Fire Resistance Level (FRL), certain minimum requirements will be applicable. Refer to the FRL Systems.																		

Components not supplied by James Hardie

Product	Description
ACC Screws	External fix - 14-10 Bugle Head or Hex head Type 17 Class 3 - 4. Screw shall be 15mm longer than the panel thickness (65mm & 90mm fasteners) Internal Fix - 14-10 Hex head type 17 Class 3-4. Screw shall be 15mm shorter than the panel thickness (35mm & 60mm Fasteners).
Base and Top Coat	The basecoat must be a polymer modified Portland cement-based render with an applied thickness of 2-6mm. Refer to the product manufacturer for product specification, application instructions, surface preparation requirements and primer coat (if required).
Mounting Clip	Used on Hardie™ Gravis™ Zero Boundary Wall applications, these fixings are used to attach 24 mm or 35 mm top hat sections to the structural stud frame, ensuring correct alignment and support for the wall system.
Foam Backing Rod	A 10mm diameter backing rod is to be fixed into vertical control joints.
Insulation	Wall insulation must be included between each stud to achieve the required R-Value, acoustic performance and Fire Resistance Level (FRL) when required. Refer to the systems descriptions of Page 7 and 8 of installation guide for further information.
Finishing	The wall can be finished using the following coating systems: <ul style="list-style-type: none"> • Texture Coat: A minimum 1mm thick cement-based, polymer-enhanced texture coating supplied as dry powder or pre-mixed to the desired textured finished. • Finishing Coat: Minimum two coats of a decorative acrylic based exterior grade elastomeric finishing paint. The product must meet the durability, performance and crack bridging properties required for the intended application.

Product	Description
DPC	A DPC (Damp Proof Course) must be installed at the base of the wall to prevent moisture from rising from the ground via capillary action.
Sealant or Fire Rated Sealant	Regular sealant or fire-rated sealants are required to seal gaps and joints. Fire-rated sealants are engineered and tested to prevent the spread of fire and smoke through these gaps and joints, while regular sealants do not offer this protection.
Non-Compressible Packer	A Non-Compressible Packer to be installed at horizontal joints between panels. Refer to the systems descriptions of Page 10 of the installation guide for further information.

A3 Product specification

Structural provisions (B1D4(b)(ii) & H1D7(4)(a))	The Hardie™ Gravis™ Panel External & Zero Lot Walls have been assessed and deemed to comply with AS 5146.1:2015 & AS 5146.3:2018 for Autoclaved aerated concrete This complies with the Structural Provisions of B1D4(b)(ii) and H1D7(4)(a), and Weatherproofing requirements of F3D5(1)(b) and H2D6(4) for autoclaved aerated concrete wall cladding.
Weatherproofing (F3D5(1)(b) & H2D6(4))	The design and installation of Hardie™ Gravis™ Panel External & Zero Lot Walls must be in accordance with the Design Considerations and Installation Requirements prescribed in Hardie™ Gravis™ Panel External & Zero Lot Walls Installation Guide Australia March 2026 . <i>Source: Clarkson Consulting Pty Ltd Report Reference 260318 dated 19/06/2026 and Structural Assessment of Hardie™ Gravis™ – 50mm & 75mm External Wall Cladding Systems dated 18/03/2026</i>

Fire resistance Level (C2D2(2) & H3D3)	Hardie™ Gravis™ Panels Fire Resistance Level (FRL)		
	Hardie™ Gravis™ Panel Thickness	Wall Internal Lining	FRL (from outside)
50mm		Min. 6mm Hardie™ Fibre Cement	90/90/90
		10mm Standard Plasterboard	90/90/90
		13mm Fre Rated Plasterboard	120/120/120
75mm		Min. 6mm Hardie™ Fibre Cement	90/90/90
		10mm Standard Plasterboard	90/90/90
		13mm Fre Rated Plasterboard	120/120/120
		2 x 16mm Fire Rated Plasterboard	-/180/180

Source: Clarkson Consulting Pty Ltd Report Reference 260318 dated 19/06/2026 and Ignis Labs Pty Ltd Reports IGNL-9429-04-01R I01 R00 dated 04/02/2026 and IGNL-260041-01R I01 R01 dated 19/03/2026.

Non-combustible (C2D10(5)(e) & H3D2)	The Hardie™ Gravis™ Panel External & Zero Lot Walls comprises of 50mm or 75mm autoclaved aerated concrete (AAC) panels that have been assessed and deemed to comply with AS 5146.1:2015 & AS 5146.3:2018 for Autoclaved aerated concrete which meets the requirements of C2D10(5)(e) and may be used wherever a non-combustible material is required. Testing to AS 1530.1:1994 has also been conducted and the Hardie™ Gravis™ AAC Panels are NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1:1994. Compliance with C2D10(5)(e) & H3D2 is limited to the 50mm and 75mm Hardie™ Gravis™ AAC Panels only. <i>Source: Clarkson Consulting Pty Ltd Report Reference 260318 dated 19/06/2026 and Ignis Labs Pty Ltd Certificate No. IGNL-9622-01-01C I01 R00 issued 04/02/2026</i>
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Bushfire Protection (G5D3, G5D4 & H7D4)	The Hardie™ Gravis™ Panel External & Zero Lot Walls systems, having an FRL of at least 90/90/90, meet the criteria of Clause 9.4.1 (c) of AS 3959 and as such is suitable for use within BAL-FZ applications. All joints in the external surface material of walls are required to be covered, sealed, overlapped, backed, or butt-jointed. It is deemed that the AAC adhesive joints used within the tested system to seal the joints between the Gravis AAC panels meets this requirement. <i>Source: Clarkson Consulting Pty Ltd Report Reference 260318 dated 19/06/2026 and Ignis Labs Pty Ltd Report IGNL-260041-01R I01 R01 dated 19/03/2026</i>
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Condensation Management (F8D3 & H4D9)

Compliance with F8D3 & H4D9 for Condensation Management requires:

1. When sarking is NOT installed, the Hardie™ Gravis™ Panel External & Zero Lot Walls systems must have a drained cavity to separate any moisture from insulation, framing and plasterboard.
2. When sarking is installed in the Hardie™ Gravis™ Panel External & Zero Lot Walls systems, the Sarking wall wrap / membrane:
 - must comply with AS 4200.1 & be installed in accordance with AS 4200.2, and
 - must be installed external to the insulation,

Additionally;

- If the building is in Climate Zones 4 & 5 – the membrane must have AS 4200.1 Vapour Control Classification of minimum Class 3 (Vapour Permeable), or
- If the building is in Climate Zones 6, 7 & 8 – the membrane must have AS 4200.1 Vapour Control Classification of Class 4 (Vapour Permeable).

All installations must be in accordance with the [Hardie™ Gravis™ Panel External & Zero Lot Walls Installation Guide Australia March 2026](#).

Source: Clarkson Consulting Pty Ltd Report Reference 260318 dated 19/06/2026 and 50mm & 75mm Gravis™ External Wall Condensation Guidance dated 13/02/2026.

Energy Efficiency (J4D6 & H6D2)

Hardie™ Gravis™ Panel Wall 50													
System	Frame				Total Wall R-value (M ² .K/W)		System	Frame				Total Wall R-value (M ² .K/W)	
	Material	Stud Depth	Top Hat Depth	Insulation	Winter	Summer		Material	Stud Depth	Top Hat Depth	Insulation	Winter	Summer
JH-B01	Timber	70mm	24mm	R1.5	2.22	2.21	JH-B13	Steel	64mm	24mm	R1.5	2.19	2.18
JH-B02				R2.0	2.67	2.66	JH-B14				R2.0	2.64	2.63
JH-B03	Timber	70mm	35mm	R1.5	2.22	2.21	JH-B15	Steel	64mm	35mm	R1.5	2.19	2.18
JH-B04				R2.0	2.67	2.66	JH-B16				R2.0	2.64	2.63
JH-B05	Timber	90mm	24mm	R1.5	2.21	2.2	JH-B17	Steel	92mm	24mm	R1.5	2.16	2.15
JH-B06				R2.0	2.64	2.63	JH-B18				R2.0	2.59	2.58
JH-B07				R2.5	3.07	3.06	JH-B19				R2.5	3.02	3.01
JH-B08				R2.7	3.24	3.23	JH-B20				R2.7	3.19	3.18
JH-B09				R1.5	2.21	2.2	JH-B21				R1.5	2.16	2.15
JH-B10	Timber	90mm	35mm	R2.0	2.64	2.63	JH-B22	Steel	92mm	35mm	R2.0	2.59	2.58
JH-B11				R2.5	3.07	3.06	JH-B23				R2.5	3.02	3.01
JH-B12				R2.7	3.24	3.23	JH-B24				R2.7	3.19	3.18

Note: See notes below the Boundary 75 table on the next page.

**Energy Efficiency
(J4D6 & H6D2)**

Hardie™ Gravis™ Panel Wall 75													
System	Frame				Total Wall R-value (M ² .K/W)		System	Frame				Total Wall R-value (M ² .K/W)	
	Material	Stud Depth	Top Hat Depth	Insulation	Winter	Summer		Material	Stud Depth	Top Hat Depth	Insulation	Winter	Summer
JH-B25	Timber	70mm	24mm	R1.5	2.52	2.51	JH-B37	Steel	64mm	24mm	R1.5	2.5	2.49
JH-B26				R2.0	2.97	2.96	JH-B38				R2.0	2.94	2.93
JH-B27	Timber	70mm	35mm	R1.5	2.52	2.51	JH-B39	Steel	64mm	35mm	R1.5	2.5	2.49
JH-B28				R2.0	2.97	2.96	JH-B40				R2.0	2.94	2.93
JH-B29	Timber	90mm	24mm	R1.5	2.52	2.51	JH-B41	Steel	92mm	24mm	R1.5	2.46	2.45
JH-B30				R2.0	2.95	2.94	JH-B42				R2.0	2.89	2.88
JH-B31				R2.5	3.38	3.37	JH-B43				R2.5	3.32	3.31
JH-B32				R2.7	3.55	3.54	JH-B44				R2.7	3.49	3.48
JH-B33	Timber	90mm	35mm	R1.5	2.52	2.51	JH-B45	Steel	92mm	35mm	R1.5	2.46	2.45
JH-B34				R2.0	2.95	2.94	JH-B46				R2.0	2.89	2.88
JH-B35				R2.5	3.38	3.37	JH-B47				R2.5	3.32	3.31
JH-B36				R2.7	3.55	3.54	JH-B48				R2.7	3.49	3.48

- Notes:
- All steel frames require minimum 0.55bmt.
 - On all systems, 10mm standard plasterboard is considered as internal lining, with a minimum density of 5.7kg/m².
 - If using 6mm Hardie™ Fibre Cement, subtract R0.029 out of the total wall R-Values.
 - If using 6mm Hardie™ Fibre Cement in wet areas with mortar and ceramic tiles, no change to total wall R-values.
 - All systems use top hats spaced at 900mm centres.
 - All systems include Hardie™ Wrap Weather Barrier.
 - All systems consider a stud spacing at 450mm centres.
 - All wall insulation must have a minimum density [kg/m³] of:
 - 70mm R1.5 – 16 kg/m³
 - 70mm R2.0 – 24 kg/m³
 - 90mm R2.5 – 24 kg/m³
 - 90mm R2.7 – 32 kg/m³

Source: Clarkson Consulting Pty Ltd Report Reference 260318 dated 19/06/2026 and 50mm & 75mm Thermal Insulation Assessment dated 05/03/2026.

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact Certificate Holder for details.

A5 Installation requirements

Hardie™ Gravis™ Panel Facade & Boundary Walls must only to be installed in accordance with the [Hardie™ Gravis™ Panel External & Zero Lot Walls Installation Guide Australia March 2026](#).

Certificate of Conformity

A6 Other relevant technical data

Acoustic Performance	Hardie™ Gravis™ Panel Wall 50				Hardie™ Gravis™ Panel Wall 75			
	System	Acoustic (Rw/Rw+ctr)	System	Acoustic (Rw/Rw+ctr)	System	Acoustic (Rw/Rw+ctr)	System	Acoustic (Rw/Rw+ctr)
	JH-B01	49/39	JH-B13	48/38	JH-B25	50/40	JH-B37	50/40
	JH-B02	49/39	JH-B14	48/38	JH-B26	50/40	JH-B38	50/40
	JH-B03	48/38	JH-B15	47/37	JH-B27	49/39	JH-B39	50/40
	JH-B04	48/38	JH-B16	47/37	JH-B28	49/39	JH-B40	50/40
	JH-B05	50/40	JH-B17	51/41	JH-B29	52/42	JH-B41	52/42
	JH-B06	50/40	JH-B18	51/41	JH-B30	52/42	JH-B42	52/42
	JH-B07	50/40	JH-B19	51/41	JH-B31	52/42	JH-B43	52/42
	JH-B08	50/40	JH-B20	51/41	JH-B32	52/42	JH-B44	52/42
	JH-B09	50/39	JH-B21	50/39	JH-B33	51/41	JH-B45	51/41
	JH-B10	50/39	JH-B22	50/39	JH-B34	51/41	JH-B46	51/41
	JH-B11	50/39	JH-B23	50/39	JH-B35	51/41	JH-B47	51/41
	JH-B12	50/39	JH-B24	50/39	JH-B36	51/41	JH-B48	51/41

Refer Hardie™ Gravis™ Panel External & Zero Lot Walls Installation Guide Australia March 2026

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Condensation Management Provision A5G3(1)(e)&(f). Reports from a professional engineer and documentary evidence (Installation Guide).
2. Energy Efficiency Provisions A5G3(1)(e)&(f). Reports from a professional engineer and documentary evidence (Installation Guide).
3. Fire Safety Provisions A5G3(1)(d), (e)&(f). Reports from Accredited Testing Laboratories, a professional engineer and documentary evidence (Installation Guide).
4. Structural Provisions A5G3(1)(e)&(f). Reports from a professional engineer and documentary evidence (Installation Guide).
5. Weatherproofing Provision A5G3(1)(e)&(f). Reports from a professional engineer.

B2 Reports

1. Ignis Labs Pty Ltd ; Certificate No. IGNL-9622-01-01C I01 R00; Testing in accordance with AS 1530.1:1994 Combustibility test for materials; Issued 04/02/2026. Report confirms are NOT deemed COMBUSTIBLE according to the test criteria specified in Clause 3.4 of AS 1530.1:1994.
2. Clarkson Consulting Services Pty Ltd; Report Ref. 260318; Gravis External Wall Systems – NCC/BCA 2022 Compliance; Dated 19/02/2026. Report reviews testing evidence and confirms that Hardie™ Gravis™ Panel External & Zero Lot Walls comply with the follow:
Volume 1 clauses; B1D4 (b)(ii), C2D2 (2), C2D10 (5)(e), F3D5(1)(b), F8D3, G5D3, G5D4, J3D8, J3D9 and J4D6; and
Volume 2 clauses; H1D7 (4)(a), H2D6(4), H3D2, H3D3, H4D9, H6D2 (1)(b)(ii) and H7D4.

Reports reviewed by Clarkson Consulting Services Pty Ltd Report Ref. 260318 dated 19/02/2026:

- a) Clarkson Consulting Services Pty Ltd; Thermal Insulation Assessment of James Hardie™ Gravis™ – 50mm External Wall Cladding System, version 1.2; Dated 05/03/2026. Report is evidence to support compliance with J3D8, J3D9, J4D6 and H6D2 (1)(b)(ii).
- b) Clarkson Consulting Services Pty Ltd; Thermal Insulation Assessment of James Hardie™ Gravis™ – 75mm External Wall Cladding System, version 1.2; Dated 05/03/2026. Report is evidence to support compliance with J3D8, J3D9, J4D6 and H6D2 (1)(b)(ii).
- c) Clarkson Consulting Services Pty Ltd; 50mm & 75mm Gravis™ External Wall Condensation Guidance; Dated 13/02/2026. Report is evidence to support compliance with F8D3 and H4D9.
- d) Clarkson Consulting Services Pty Ltd; Structural Assessment of Hardie™ Gravis™ – 50mm & 75mm External Wall Cladding Systems; version 1.3; Dated 18/03/2026. Report is evidence to support compliance with B1D4(b)(ii), H1D7(4)(a), F3D5(1)(b) and H2D6(4) [via H1D7(4)(a) compliance].
- e) Ignis Labs Pty Ltd ; Report No. IGNL-9429-04-01R I01R01; James Hardie Gravis AAC Wall System Regulatory Information Report; Issued 04/02/2026. Report confirms compliance with C2D2(2) and H3D3.
- f) Ignis Labs Pty Ltd ; Report No. IGNE-260041-01R I01R01; James Hardie Gravis AAC External Wall System Fire Assessment Report; Issued 19/03/2026. Report confirms compliance with C2D2(2), G5D3, G5D4, H3D3 and H7D4.

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