Certificate of Conformity

Certification Body:

CMI CERTFICATION
ABN: 81 663 250 815
JASANZ Accreditation
No. Z4450210AK
PO Box 273,
Palmwoods Qld 4555
Australia
P: +61 7 5445 2199
www.cmicert.com.au
office@cmicert.com.au

Certificate Holder:

James Hardie
Australia Pty Ltd
ABN: 12 084 635 558
10 Colquhoun St,
Rosehill, NSW 2142
Australia
P: 13 11 03
www.jameshardie.com.au

Certificate number: CM40468 Rev1

THIS IS TO CERTIFY THAT

Hardie™ Gravis™ Panel Intertenancy Walls

Type and/or use of product:

The Hardie™ Gravis™ Panel Intertenancy Walls are an internal separating wall system use in Residential buildings.

Description of product:

The Hardie™ Gravis™ Panel Intertenancy Walls are an internal separating wall system that comprises of 50mm autoclaved aerated concrete (AAC) panels and proprietary components vertically installed and fixed at the periphery for discontinuous construction.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2022 (Amdt. 2) & 2025**

		Volume One	Volume Two	
Performance Requirement(s):		Not Applicable	H1P1(2)(c)	Structural reliability and resistance - wind action refer *limitation and condition 3*. **(BCA 2022)**
			H1P1(3)(c)	Structural reliability and resistance - wind action refer *limitation and condition 3*. **(BCA 2025)**
Deemed-to-Satisfy Provision(s):	B1D4(b)(ii)	Determination of structural resistance of materials and forms of construction. **(BCA 2022 & 2025)**	H3D4	Fire protection of separating walls and floors - Subject to *limitation and Condition 4*. Refer A3 for FRLs. **(BCA 2022 & 2025)**
	C2D2(2)	Fire Resistance and Stability – Subject to *limitation and Condition 4*. Refer A3 for FRLs. **(BCA 2022 & 2025)**	H3D2	Non-combustible building elements – Limited to the AAC Panel Only - Refer A3. **(BCA 2022 & 2025)**
	C2D10(5)(e)	Non-combustible building elements – Limited to the AAC Panel Only - Refer A3. **(BCA 2022 & 2025)**	H4D8	Sound Insulation – Subject to *limitation and condition 5.* **(BCA 2022 & 2025)**
	C2D11	Group Number classification - – Limited to the AAC Panel Only - Refer A3. **(BCA 2022 & 2025)**		
	F7D4(2)&(3)	Determination of impact sound insulation ratings – discontinuous construction. **(BCA 2022 & 2025)**		
	F7D6	Sound insulation rating of walls – Subject to *limitation and condition 5.* **(BCA 2022 & 2025)**		

Glen Gugliotti – CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 01/06/2026

Date of expiry: 24/03/2029

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State or territory variation(s): **BCA 2022:** B1D4 (NT, QLD, WA), C2D2 (SA), C2D11 (NSW, VIC), Part F7 (NT) Not Applicable
BCA 2025: B1D4 (NT & QLD), C2D2 (SA), C2D11 (NSW), Part F7 (NT)

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

1. Construction shall be in strict accordance with the Hardie™ Gravis™ Panel Intertenancy Walls Installation Guide June2026.
2. In all cases, it is a requirement that the Hardie™ Gravis™ Panel Intertenancy 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. Hardie™ Gravis™ 50mm reinforced AAC Wall panels can only be used in wind category up to N3.
4. Compliance with FRL is dependent on the system as specified in A3 being installed in accordance with the Hardie™ Gravis™ Panel Intertenancy Walls Installation Guide June2026. Any deviation does not form part of this certificate of conformity.
5. Compliance with F7D6 and H4D8 is depended on the system configurations tabled in Section A3 of this Certificate of Conformity.
6. Discontinuous construction can only be achieved where the installation must follow the requirements of the Hardie™ Gravis™ Panel Intertenancy Walls Installation Guide June2026. For the purpose of this certificate, discontinuous construction is defined in the BCA as a wall system having a minimum 20 mm cavity between two separate leaves, with no mechanical linkage between leaves except at the periphery.
7. 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.

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 Intertenancy Walls are an internal separating wall system that comprises of 50mm autoclaved aerated concrete (AAC) panels and proprietary components vertically installed and fixed at the periphery for discontinuous construction.

	Property			Value	Property			Value
Material Properties AAC Panel	Panel Thickness	*d*	(mm)	50	Panel Thickness	*d*	(mm)	50
	Panel Width	*w*	(mm)	600				
	Panel Length (max.)	*L*	(mm)	3000				
					Characteristic AAC Compressive Strength	f_{ck}	(MPa)	3.27
	Dry Density		(kg/m³)	485	AAC Characteristic Flexural Strength	f_{cflk}	(MPa)	0.589 (calculated)
	AAC Working Density (At 15% moisture content)		(kg/m³)	558	Elastic Modulus of AAC		(MPa)	927 (calculated)
	Mass per Square metre (At 15% moisture content)		(kg/m²)	27.9	Design Serviceability Limit State Deflection Limit			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.

Length (mm)	Width (mm)	Thickness (mm)	Weight per unit (kg/m³)*	Weight per meter (kg/m²)*	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

* Panel weights are based on 35% moisture content at time of handling/install

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**

Product	Description
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™ 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 Page 7 of installation guide.

Components not supplied by James Hardie

Product	Description
Fasteners	**Fastener Requirements for fixing Hardie™ Gravis™ Panel to Brackets**

Application	Timber Frame	Steel Frame	Socket
Fix Aluminium Brackets to Top and Bottom Plates	2/25 x 2.5 mm galvanized nails or 2/12-11 x 35 mm hex head type 17 screws	2/14-10 hex head screws	3/8'' Hex Mag. Socket
Fix Aluminium Brackets to Hardie™ Gravis™ Pane	2/14-10 hex head screws 40mm long		3/8'' Hex Mag. Socket

Deflection Track	Deflection track is used to position and restrain the base connection of the panels where they meet the concrete slab, helping ensure correct alignment and stability during installation. It is manufactured as a 51 × 50 0.7 mm BMT track in 3000 mm lengths
Bracket Aluminium Angle	The brackets are 75 x 40 x 1.6 mm BMT, 50 mm-wide aluminium angles used in 50 mm Intertenancy Wall Systems. They enable the Hardie™ Gravis™ Panels to be fixed to the wall frame, creating a cavity that can improve acoustic insulation performance.
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.
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 7 of installation guide for further information.

A3 Product specification

Structural provisions
(B1D4(b)(ii))
[BCA 2022 & 2025]
(H1P1(2)(c))
[BCA 2022]
(H1P1(3)(c))
[BCA 2025]

The Hardie™ Gravis™ Panel Intertenancy Walls have been assessed and deemed to comply with the Structural Provisions of B1D4(b)(ii) and H1P1(2)(c).

The design and installation of Hardie™ Gravis™ Panel Intertenancy Walls must be in accordance with the Design Considerations and Installation Requirements prescribed in Hardie™ Gravis™ Panel Intertenancy Walls Installation Guide June2026.

Source: *Clarkson Consulting Pty Ltd Report Reference 2600302 dated 02/03/2026.*

Fire resistance Level
(C2D2(2) & H3D4)
[BCA 2022 & 2025]

50mm Hardie™ Gravis™ Panels Fire Resistance Level (FRL)

Wall Internal Lining	FRL (from outside)
Min. 6mm Hardie™ Fibre Cemen	90/90/90
10mm Standard Plasterboard	90/90/90

Source: *Ignis Labs Pty Ltd Report No. IGNL-260041-01R I01 R01 dated 19/03/2026.*

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Non-combustible (C2D10(5)(e) & H3D2) **[BCA 2022 & 2025]**

The Hardie™ Gravis™ Panel Intertenancy Walls comprises of 50mm 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 Hardie™ Gravis™ AAC Panels only.

Source: *Ignis Labs Pty Ltd Certificate No. IGNL-9622-01-01C I01 R00 issued 04/02/2026.*

Group Numbers (C2D11) **[BCA 2022 & 2025]**

The Hardie™ Gravis™ Panel has been tested and classified AS 5637.1 **Group Number: 1** | Average Specific Extinction Area (ASEA): **2.91 m²/kg.**

Source *Ignis Labs Pty Ltd Report No. IGNL-9622-07-01R I01 R00 issued 29/01/2026.*

Acoustic (F7D6 & H4D8) **[BCA 2022 & 2025]**

50mm Hardie™ Gravis™ Panel Intetenancy System

System	Frame			Acoustic (Rw/Rw+ctr)
	Material	Stud Depth (mm)	Internal Lining	
JH-I02	Timber	70	13mm Standard Plasterboard on one side and 13mm Fire Rated Plasterboard on the other	66/52
JH-I03			13mm Standard Plasterboard on one side and 9mm Hardie™ Fibre Cement on the other	68/53
JH-I04			9mm Hardie™ Fibre Cement on one side and 6mm Hardie™ Fibre Cement on the other	67/53
JH-I06	Timber	90	10mm Standard Plasterboard on one side and 13mm Plasterboard on the other	65/51
JH-I07			10mm Standard Plasterboard on one side and 6mm Hardie™ Fibre Cement on the other	65/51
JH-I08			6mm Hardie™ Fibre Cement on both sides	68/53
JH-I10	Steel	76	13mm Standard Plasterboard Both Sides	65/51
JH-I11			13mm Standard Plasterboard on One Side and 13mm Fire Rated Plasterboard on the other	67/53
JH-I12			6mm Hardie™ Fibre Cement on both sides	65/51
JH-I14	Steel	92	10mm Standard Plasterboard on one side and 13mm Plasterboard on the other	65/51
JH-I15			10mm Standard Plasterboard on one side and 6mm Hardie™ Fibre Cement on the other	65/51
JH-I16			6mm Hardie™ Fibre Cement on both sides	68/53

NOTE:
All steel frames require minimum 0.55bmt.
All systems tabled above meet the minimum Rw+Ctr required by the National Construction Code (≥50)
All systems consider a stud spacing at 450mm centres.
All wall linings must have a minimum density [kg/m³] of:

- 10mm Standard Plasterboard - 5.7kg/m³
- 13mm Standard Plasterboard - 8.1kg/m³
- 13mm Fire Rated Plasterboard - 10.5kg/m³
- 16mm Fire Rated Plasterboard -12.5kg/m³

Source*: SLR Consulting Australia Pty Ltd Reference. No. 610.033282L01-v0.3 dated 23/03/2026.*

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact Certificate Holder for details.

A5 Installation requirements

The Hardie™ Gravis™ Panel Intertenancy Walls must only to be installed in accordance with the Hardie™ Gravis™ Panel Intertenancy Walls Installation Guide June 2026.

A6 Other relevant technical data

Acoustic

50mm Hardie™ Gravis™ Panel Intetenancy System. The systems tabled below do not meet the minimum Rw+Ctr required by the National Construction Code (≥50) and would require additional components.

System	Frame			Acoustic (Rw/Rw+ctr)
	Material	Stud Depth (mm)	Internal Lining	
JH-I01	Timber	70	10mm Standard Plasterboard Both Sides	59/42
JH-I05	Timber	90	10mm Standard Plasterboard Both Sides	63/46
JH-I09	Steel	76	10mm Standard Plasterboard Both Sides	60/43
JH-I13	Steel	92	10mm Standard Plasterboard Both Sides	63/46
NOTE:	All steel frames require minimum 0.55bmt. All systems consider a stud spacing at 450mm centres. All wall linings must have a minimum density [kg/m³] of 10mm Standard Plasterboard - 5.7kg/m³			

Refer to the Hardie™ Gravis™ Panel Intertenancy Walls Installation Guide June 2026 for further details or contact the Certificate Holder

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Fire Safety Provisions A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.
2. Sound Insulation Provisions A5G3(1)(e). Reports from a professional engineer.
3. Structural Provisions A5G3(1)(e)&(f). Reports from a professional engineer and documentary evidence (Installation Guide).

B2 Reports

1. Clarkson Consulting Services Pty Ltd; Reference Gravis Intertenancy Wall Systems – NCC 2022(+A2) & 2025 Compliance; Dated 26/05/2026. Report reviews testing evidence and confirms that Hardie™ Gravis™ Panel Intertenancy Walls comply with the following:
   BCA 2022 Volume 1 clauses; B1D4 (b)(ii), C2D2 (2), C2D10 (5)(e), F7D4(2)&(3) and F7D6; and
   BCA 2025 Volume 1 clauses; B1D4 (b)(ii), C2D2 (2), C2D10 (5)(e), F7D4(2)&(3) and F7D6; and
   BCA 2022 Volume 2 clauses; H1P1(2)(c), H3D2, H3D4, H4D8; and
   BCA 2025 Volume 2 clauses; H1P1(3)(c), H3D2, H3D4, H4D8.
   Reports reviewed by Clarkson Consulting Services Pty Ltd, Reference Gravis Intertenancy Wall Systems – NCC 2022(+A2) & 2025 Compliance dated 26/05/2026:
   a. Clarkson Consulting Services Pty Ltd; JH Gravis 50mm 75mm Internal Wall Structural Compliance_260302; Dated 02/03/2026. Report is evidence to support compliance with B1D4(b)(ii) **[BCA 2022 & 2025]** and H1P1(2)(c) **[BCA 2022]** & H1P1(3)(c) **[BCA 2025]**.
   b. Ignis Labs Pty Ltd; NATA Accreditation No. 20534; 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) and H3D4 **[BCA 2022 & 2025]**.
   c. Ignis Labs Pty Ltd; NATA Accreditation No. 20534; Report No. IGNL-9622-07-01R I01 R00; Australian Standard 3837 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter; Issued 29/01/2026. Report confirms compliance with C2D11 where classification for group number has been completed **[BCA 2022 & 2025]**.
   d. SLR Consulting Australia Pty Ltd; Reference. No. 610.033282L01-v0.3; Acoustic Opinion of AAC panel systems for external walls, party walls and floors; Dated 23/03/2026. Report provides acoustic values for configurations to comply with compliance with F7D6 and H4D8 **[BCA 2022 & 2025]**.
2. Ignis Labs Pty Ltd; NATA Accreditation No. 20534; 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 compliance with C2D10(5)(e) and H3D2 **[BCA 2022 & 2025]**.

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