



Certificate of Conformity

Certificate number: CM40468 Rev2

Certification Body:



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JASANZ Accreditation
No. Z4450210AK
PO Box 273,
Palmwoods Qld 4555
Australia
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Certificate Holder:



James Hardie
Australia Pty Ltd
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10 Colquhoun St,
Rosehill, NSW 2142
Australia
P: 13 11 03
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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 2025

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	H1P1(3)(c) Structural reliability and resistance - wind action refer <i>limitation and condition 3</i> .
Deemed-to-Satisfy Provision(s):	B1D4(b)(ii) 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. C2D11 Group Number classification - – Limited to the AAC Panel Only - Refer A3. F7D4(2)&(3) Determination of impact sound insulation ratings – discontinuous construction. F7D6 Sound insulation rating of walls – Subject to <i>limitation and condition 5</i> .	H3D4 Fire protection of separating walls and floors - 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. H4D8 Sound Insulation – Subject to <i>limitation and condition 5</i> .
State or territory variation(s):	B1D4 (NT & QLD), C2D2 (SA), C2D11 (NSW), Part F7 (NT)	Not Applicable

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: 23/06/2026

Date of expiry: 24/03/2029



Certificate of Conformity

Limitations and conditions:

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 CriteriaThe 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.

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.

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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.

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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.

Material Properties	Property	Value	Property	Value
AAC Panel	Panel Thickness	d (mm)	Panel Thickness	d (mm)
	Panel Width	w (mm)		50
	Panel Length (max.)	L (mm)		3000
	Dry Density	(kg/m ³)		485
	AAC Working Density (At 15% moisture content)	(kg/m ³)		558
	Mass per Square metre (At 15% moisture content)	(kg/m ²)		27.9
			Characteristic AAC Compressive Strength	f_{ck} (MPa)
			AAC Characteristic Flexural Strength	f_{cflk} (MPa)
			Elastic Modulus of AAC	(MPa)
			Design Serviceability Limit State Deflection Limit	

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> </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
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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																																										



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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	<p>Fastener Requirements for fixing Hardie™ Gravis™ Panel to Brackets</p> <table border="1"> <thead> <tr> <th>Application</th> <th>Timber Frame</th> <th>Steel Frame</th> <th>Socket</th> </tr> </thead> <tbody> <tr> <td>Fix Aluminium Brackets to Top and Bottom Plates</td> <td>2/25 x 2.5 mm galvanized nails or 2/12-11 x 35 mm hex head type 17 screws</td> <td>2/14-10 hex head screws</td> <td>3/8" Hex Mag. Socket</td> </tr> <tr> <td>Fix Aluminium Brackets to Hardie™ Gravis™ Pane</td> <td>2/14-10 hex head screws 40mm long</td> <td></td> <td>3/8" Hex Mag. Socket</td> </tr> </tbody> </table>	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
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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 x 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) & H1P1(3)(c)] The Hardie™ Gravis™ Panel Intertenancy Walls have been assessed and deemed to comply with the Structural Provisions of B1D4(b)(ii) and H1P1(3)(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	50mm Hardie™ Gravis™ Panels Fire Resistance Level (FRL)	
	Wall Internal Lining	FRL (from outside)
[C2D2(2) & H3D4]	Min. 6mm Hardie™ Fibre Cemen	90/90/90
	10mm Standard Plasterboard	90/90/90

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

Non-combustible
[C2D10(5)(e) & H3D2]

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. IGNU-9622-01-01C I01 R00 issued 04/02/2026.

Group Numbers
[C2D11]

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. IGNU-9622-07-01R I01 R00 issued 29/01/2026.

Acoustic
[F7D6 & H4D8]

50mm Hardie™ Gravis™ Panel Intertenancy System

System	Material	Stud Depth (mm)	Frame		Acoustic (Rw/Rw+ctr)
			Internal Lining		
JH-I02			13mm Standard Plasterboard on one side and 13mm Fire Rated Plasterboard on the other		66/52
JH-I03	Timber	70	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			10mm Standard Plasterboard on one side and 13mm Plasterboard on the other		65/51
JH-I07	Timber	90	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			13mm Standard Plasterboard Both Sides		65/51
JH-I11	Steel	76	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			10mm Standard Plasterboard on one side and 13mm Plasterboard on the other		65/51
JH-I15	Steel	92	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 Intertenancy 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		Internal Lining	Acoustic (Rw/Rw+ctr)
	Material	Stud Depth (mm)		
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/m^3] of 10mm Standard Plasterboard - $5.7\text{kg}/\text{m}^3$			

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 2025 Volume 1 clauses; B1D4 (b)(ii), C2D2 (2), C2D10 (5)(e), F7D4(2)&(3) and F7D6; 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) & H1P1(3)(c).
 - 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.
 - 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.
 - 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.
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.

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



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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.

Material Properties	Property	Value	Property	Value
AAC Panel	Panel Thickness	d (mm)	Panel Thickness	d (mm)
		50		50
	Panel Width	w (mm)		
		600		
	Panel Length (max.)	L (mm)		
		3000		
	Dry Density	(kg/m ³)	Characteristic AAC Compressive Strength	f_{ck} (MPa)
		485		3.27
	AAC Working Density (At 15% moisture content)	(kg/m ³)	AAC Characteristic Flexural Strength	f_{cflk} (MPa)
		558		0.589 (calculated)
	Mass per Square metre (At 15% moisture content)	(kg/m ²)	Elastic Modulus of AAC	(MPa)
		27.9		927 (calculated)
			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.																																										
	<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> </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
Length (mm)	Width (mm)	Thickness (mm)	Weight per unit (kg/m ³)*	Weight per meter (kg/m ²)*	Product Code																																						
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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																																										



Certificate of Conformity

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	<p>Fastener Requirements for fixing Hardie™ Gravis™ Panel to Brackets</p> <table border="1"> <thead> <tr> <th>Application</th> <th>Timber Frame</th> <th>Steel Frame</th> <th>Socket</th> </tr> </thead> <tbody> <tr> <td>Fix Aluminium Brackets to Top and Bottom Plates</td> <td>2/25 x 2.5 mm galvanized nails or 2/12-11 x 35 mm hex head type 17 screws</td> <td>2/14-10 hex head screws</td> <td>3/8" Hex Mag. Socket</td> </tr> <tr> <td>Fix Aluminium Brackets to Hardie™ Gravis™ Pane</td> <td>2/14-10 hex head screws 40mm long</td> <td></td> <td>3/8" Hex Mag. Socket</td> </tr> </tbody> </table>	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
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 x 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) & H1P1(2)(c)] 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	50mm Hardie™ Gravis™ Panels Fire Resistance Level (FRL)	
	Wall Internal Lining	FRL (from outside)
[C2D2(2) & H3D4]	Min. 6mm Hardie™ Fibre Cemen	90/90/90
	10mm Standard Plasterboard	90/90/90

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

Non-combustible
[C2D10(5)(e) & H3D2]

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. IGNU-9622-01-01C I01 R00 issued 04/02/2026.

Group Numbers
[C2D11]

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. IGNU-9622-07-01R I01 R00 issued 29/01/2026.

Acoustic
[F7D6 & H4D8]

50mm Hardie™ Gravis™ Panel Intertenancy System

System	Material	Stud Depth (mm)	Frame		Acoustic (Rw/Rw+ctr)
				Internal Lining	
JH-I02			13mm Standard Plasterboard on one side and 13mm Fire Rated Plasterboard on the other		66/52
JH-I03	Timber	70	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			10mm Standard Plasterboard on one side and 13mm Plasterboard on the other		65/51
JH-I07	Timber	90	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			13mm Standard Plasterboard Both Sides		65/51
JH-I11	Steel	76	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			10mm Standard Plasterboard on one side and 13mm Plasterboard on the other		65/51
JH-I15	Steel	92	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 Intertenancy 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		Internal Lining	Acoustic (Rw/Rw+ctr)
	Material	Stud Depth (mm)		
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/m^3] of 10mm Standard Plasterboard - 5.7kg/m^3			

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 2022 Volume 2 clauses; H1P1(2)(c), H3D2, H3D4, H4D8; and
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) & H1P1(2)(c).
 - 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.
 - 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.
 - 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.
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.

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