Certificate of Conformity

Certification Body:

CMI CERTIFICATION
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Certificate Holder:

etex inspiring ways of living
Etex Australia Pty Ltd
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Certificate number: CM40422

THIS IS TO CERTIFY THAT

Duragrid® External Wall Cladding System

Type and/or use of product:

Duragrid® Wall Cladding System is a fibre cement external wall cladding system for residential and commercial buildings.

Description of product:

Duragrid® Wall Cladding System is an expressed join cladding system that utilises factory sealed 9mm fibre cement sheet and timber battens or steel top hats creating a drained cavity.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2022 (Amdt. 1)**

	Volume One		Volume Two	
Performance Requirement(s):	B1P1(1), (2)(c)	Structural reliability – Resistance to wind actions	H1P1(1), (2)(c)	Structural reliability – Resistance to wind actions
	F3P1	Weatherproofing - External walls subject to Limitation and Condition No. 2.	H2P2	Weatherproofing – External walls subject to Limitation and Condition No. 2.
Deemed-to-Satisfy Provision(s):	C2D2	Fire resistance and stability – Refer Limitation and Condition 4 for FRLs achieved.	H3D2(1)(d)	Non-combustible building elements – Fibre-reinforced cement sheeting – Panel Only
	C2D9	Lightweight construction– Fibre-reinforced cement sheeting – Panel Only	H3D3	Fire separation of external walls – Refer Limitation and Condition 4 for FRLs achieved.
	C2D10(6)(d)	Non-combustible building elements – Fibre-reinforced cement sheeting – Panel Only	H6D2(1)	Energy Efficiency – Contributes to the overall energy efficiency of the building - Refer A3
	C2D11	Fire Hazard Properties – Group Number	H7D4(2)(a)	Construction in bushfire prone areas – Subject to Limitation and Condition No. 7, 8 & 9
	G5D3	Construction in bushfire prone areas – Subject to Limitation and Condition No. 7, 8 & 9		
	J4D6	Energy Efficiency – Contributes to the overall energy efficiency of the building - Refer A3		
State or territory variation(s):	G5D3 NSW		H7D4 NSW, QLD & SA	

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

Glen Gugliotti – CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 25/08/2025

Date of expiry: 25/08/2028

Certificate of Conformity

Limitations and conditions:

1. Duragrid® External Wall Cladding System must be installed in accordance with the Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025.

2. To satisfy compliance with F3P1 or H2P2, the relevant design is required to meet the following criteria to the satisfaction of the Appropriate Authority as defined by the NCC. The weatherproofing performance of the Duragrid® Wall Cladding System is deemed suitable for applications where an external wall;

a) has a risk score of 20 or less, when the sum of all risk factor scores are determined in accordance with NCC 2022, BCA Volume One Table F3V1(a), Volume Two Table H2V1(a); and

b) is subjected to an absolute ultimate limit state wind pressure of more than 2.5kPa but not more than 5.99kPa, see Section Structural reliability – Resistance to wind actions for specific configuration requirements; and

c) includes only windows that comply with AS 2047;

This is deemed to include AS 4055 Wind Classifications N1w, N2w, N3w, N4w, C1w & C2w, and excludes AS 4055 Wind Classifications, N5w, N6w, C3w & C4w. Refer A3 of this certificate of Conformity for details.

3. For Class 2 to Class 9 buildings, the Duragrid® External Wall Cladding System is suitable for only Type C Fire-Resisting Construction when fixed to timber stud framing.

4. Compliance with FRL is dependent on the system being constructed in accordance Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025 as outlined in A3. Any deviation from the assessed system does not form part of this certificate of conformity.

a) For timber and steel framing applications, if the Duragrid® External Wall Cladding System is used as part of a wall system, the wall system achieves **an FRL 60/60/60** when Duragrid® Wall Cladding is installed in conjunction with 1 layer of 16mm GTEK™ Fire and Wet Area Plasterboard on the external fireside. On the internal side, with 1 layer of 10mm GTEK™ Plasterboard to be installed as the internal wall lining.

b) For timber and steel framing applications, if the Duragrid® External Wall Cladding System is used as part of a wall system, the wall system achieves **an FRL 90/90/90** when Duragrid® Wall Cladding is installed in conjunction with 2 layers of 16mm GTEK™ Fire and Wet Area Plasterboard on the external fireside where joints in the second layer are to be staggered relative to joints in the first layer or ensuring that the joints in the first layer of plasterboard are lapped by the second sheet. On the internal side, with 1 layer of 10mm GTEK™ Plasterboard is to be installed as the internal wall lining.

Construction methods for external walls required to be fire resisting in relation to Class 1 and 10 buildings and structures must comply with Part 9.2 of the ABCB Housing Provisions.

5. The structural certification is limited to the cladding only and does not include the sub-structure. The Duragrid® External Wall Cladding System must be fixed to a structurally adequate external wall frame in accordance with the appropriate span tables in section A3. The structural support members are designed and engineered separately as per project requirements by building designers and engineers. In all cases, it is a requirement that the Wall Cladding System incorporates either;

a) A timber frame constructed in accordance with AS 1684 or AS 1720.1; or

b) A cold-formed steel frame constructed in accordance with NASH Standard for Residential and Low-rise Steel Framing, Part 1: Design Criteria; or

c) Framework compliant with the above minimum requirements and other standards, and the Building Code of Australia as applicable

6. In all installations the minimum clearance between the underside of panel and the adjoining ground surface level below must comply with the specifications in Part 7.5.7 of the ABCB Housing Provisions.

7. The Duragrid® External Wall Cladding System is suitable for use on buildings located in a designated Bushfire Prone Area subject to a Bushfire Attack Level (BAL) up to and including BAL–FZ when constructed in accordance with AS 3959:2018 (subject to state and territory variations) as outlined in A3 for a Class 1 building, a Class 2 building, a Class 3 building, or a Class 10a building.

8. Compliance with BAL Low-FZ is limited to the tested system that achieve a minimum of FRL of 30/30/30. Refer A3 for FRL systems. It is the responsibility of the Building Designer to ensure compliance is achieved in accordance with AS 3959-2018.

9. In NSW, the Duragrid® External Wall Cladding System is suitable for use on buildings located in a designated Bushfire-Prone Area:

a) For a Class 1 building, a Class 2 building, a Class 3 building, a Class 4 part of a building, or a Class 10a building when constructed in accordance with AS 3959:2018 except as amended by Planning for Bush Fire Protection for BAL–40.

b) For a Class 9 building, that is a special fire protection purpose located in an area subject to a Bushfire Attack Level (BAL) not exceeding BAL–12.5 determined in accordance with AS 3959:2018.

10. The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

Building classification/s:

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

Certificate of Conformity

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

Duragrid is a square edged 9mm thick fibre cement sheet that is installed on either timber battens or steel tophats and has a distinctive expressed joint finish with 10mm gaps between the sheets. Sheet sizes are 590x2390mm, 890x1790mm, 1190x1190mm and 2990x1190mmDuragrid is suitable for low to medium rise buildings and can be used on both timber and steel framed buildings. It is also ideal for renovations and alterations to existing dwellings. In smaller areas it provides a distinctive looking feature wall and can be used in either interior or exterior applications.

Product	Width	Length	Thickness	Coverage	Mass	Weight	Pack Size	Product Code
Duragrid®	590mm	2390mm	9mm	1.41m²	12.4kg/m²	17.48kg	40	4092588
	890mm	1790mm		1.59m²		19.7kg		4092586
	1190mm	1190mm		1.41m²		17.48kg		4092585
	1190mm	2990mm		2.84m²		35.26kg		4092589

Duragrid® Wall Cladding System Accessories:

Product	Size	Product Code
Timber Durabatten H5 treated ply	19 x 75 x 2700mm	4092848
Metal Durabatten 0.75BMT top hat	19 x 70 x 3000mm	311584
	35 x 70 x 3000mm	311655
uPVC 19mm Cavity Closer	2700mm	4092846
Sikaflex® 11FC+ sealant adhesive	300g	4092847
Horizontal backing strip	1190mm	298168
	2390mm	298169
	2990mm	298170
Aluminium internal corner	12 x 3000mm	4092821
Aluminium external corner	12 x 3000mm	4092817
External corner flashing	60 x 60 x 3000mm	311580
Internal corner flashing	60 x 60 x 3000mm	311579
Effects® base trim	3950mm	4094245
Effects® straight joiner	57mm	4094246
Effects® external corner	50 x 50mm	4094247
Effects® internal corner	50 x 50mm	4094248

A3 Product specification

Structural reliability – Resistance to wind actions (B1P1 & H1P1)

Timber Durabatten Off-stud - 16ga C Brad Nails

Wind Classification AS4055	Max. Design Ultimate Limit State Wind pressure AS/NZS 1170.2 (kPa)		Timber Durabatten fasteners		Maximum span 70x19 Timber Durabatten (mm)	Within 1200mm of corners (mm)		General Areas of Walls (mm)		
	Within 1200mm of corners	General wall area	Timber Frame - AS1684 or AS 1720.1	Steel Frame – NASH Standard		Timber Durabatten spacing	Fastener spacing	Timber Durabatten spacing	Fastener spacing	Duragrid ® sheet fasteners
N1w	-0.94	+0.62	2 x Class 3 2.8x50mm ring shank nail	2 x Class 3 10ga-18x30mm CS screw	800	600	200	600	200	Stainless Steel 16ga x 25mm C Brad Nails
N2w	-1.3	-0.74, +0.86			800	600	200	600	200	
N3w	-2.03	-1.16, +1.35			800	450	200	600	200	

Notes:

1. Weatherproofing in N1, N2, N3; use AS/NZS 4200.1 vapour permeable wall wrap or Durabarrier ® rigid air barrier system.
2. All sheet vertical edges must be supported on 75x19mm Timber Durabatten.
3. Durabatten max. 800mm span fixed to framing with 2x 2.87 x 50mm D-head ring-shank nails or 2 x 10ga-18 x 30mm CS screw at each location.
4. Continuous 6-8mm bead of adhesive between Durabatten and Duragrid ®
5. Durabatten fixing lengths shall be increased by 6mm when used in conjunction with Durabarrier ® rigid air barrier system.
6. Timber Durabatten (75x19mm H5 Treated Ply) cannot be substituted.

Source: *Acronem Consulting Report ACA 240131 dated 18/07/2025.*

Structural reliability – Resistance to wind actions (B1P1 & H1P1)

Timber Durabatten On-stud

Wind Classification AS 4055	Max. Design Ultimate Limit State (ULS) Wind Pressure AS/NZS 1170.2 (kPa)		Within 1200mm of corners (mm)		General Areas of Walls (mm)		Duragrid ® sheet fasteners	
	Within 1200mm of corners	General wall area	Stud Spacing	Fastener Spacing	Stud Spacing	Fastener Spacing	Timber Framing – AS 1684 or AS 1720.1	Steel Frame – NASH Standard
N1w	-0. 94	-0.53, +0.62	600	200	600	200	Class 3 2.8 x 65mm flat head nail OR Class 3 10ga-8x65mm Screw (7)	Min. Class 3 10ga-18x50mm screw
N2w	-1.3	-0.74, +0.86	600	200	600	200		
N3w	-2.03	-1.16,+1.35	600	200	600	200		
N4w	-3.01	-1.72, +2.01	450	200	600	600		
N5w	-4.44	-2.53, +2.96	450 (Timber) 300 (Steel)	200	450	200		
N6w	-5.99	-3.42, +3.99	300	100	450	200		
C1w	-2.7	-1.80, +1.80	450	200	450	200		
C2w	-4.02	-2.68, +2.68	300	200	450	200		
C3w	-5.91	-3.94, +3.94	300	100	300	200	Class 3 10ga-8x65mm (7)	

Notes:

1. For Weatherproofing in N1, N2, N3, N4, C1, C2, use either AS/NZS 4200.1 vapour permeable moisture barrier; or Durabarrier® rigid air barrier system.
2. For Weatherproofing in N5, N6, C3, C4, use Durabarrier® rigid air barrier system.
3. All sheet edges must be supported on structural framing (noggings are typically not suitable structural framing).
4. Fixings shall be minimum 15mm from sheet edges & 50mm from sheet corners.
5. All fixing lengths shall be increased by 6mm when used in conjunction with Durabarrier ® rigid air barrier system.
6. Steel Framing in shall be; min. 0.55mm BMT G550 for N1 to N3; min. 0.75mm BMT G550 for N4-N6 & C1 to C4.
7. Screw fixings to timber framing shall be pre-drilled and countersunk with the Innova countersinking tool.

Source: *Acronem Consulting Report ACA 240131 dated 18/07/2025.*

Structural reliability – Resistance to wind actions (B1P1 & H1P1)

Metal Durabatten Top Hat 70x19x0.75BMT G300

Wind Classification AS 4055	Max. Design Ultimate Limit State (ULS) Wind Pressure AS/NZS 1170.2 (kPa)		Maximum span 70x19x0.75 Durabatten (mm)	Within 1200mm of corners (mm)		General Areas of Walls (mm)	
	Within 1200mm of corners	General wall area		Max. Durabatten spacing	Fastener Spacing	Max. Durabatten spacing	Fastener Spacing
N1w	-0.94	-0.53, +0.62	900	600	200	600	200
N2w	-1.3	-0.74, +0.86	900	600	200	600	200
N3w	-2.03	-1.16, +1.35	850	450	200	600	200
N4w	-3.01	-1.72, +2.01	750	450	190	450	200
N5w	-4.44	-2.53, +2.96	750	300	200	450	200
N6w	-5.99	-3.42, +3.99	650	300	100	450	150

Notes:

1. For Weatherproofing in N1, N2, N3, N4 use either AS/NZS 4200.1 vapour permeable moisture barrier; or Durabarrier® rigid air barrier system.
2. For Weatherproofing in N5, N6 use Durabarrier® rigid air barrier system.
3. All fixing lengths shall be increased by 6mm when used in conjunction with Durabarrier ® rigid air barrier system.
4. All supporting structure must be designed as structural framing to resist out-of-plane wind pressures.
5. Cladding fixings into battens shall be, 8ga-18 x 30mm countersunk screws, min. 18mm from sheet edges & 50mm from sheet corners (75mm from joints with the horizontal backing strip).
6. All cladding fixings shall be pre-drilled and countersunk with the Innova countersinking tool.
7. It is the project engineer's responsibility to specify the connection of top hats to the supporting structure.
8. Steel Framing for N1-N3 shall be min. 0.75mm BMT G550, with batten fixings 10ga-16 x 25mm hex head screws, 2 fasteners per fixing location.
9. Steel Framing for N4-N6 shall be min. 1.0mm BMT G550, with batten fixings 12ga-14 x 25mm hex head screws, 2 fasteners per fixing location.
10. In N1 to N4 top hats may be supported on 2 framing members (single-span).
11. In N5 to N6 top hats shall be supported on a minimum of 3 framing members (double-span).
12. Top hats shall be min. 70 x 19 x 0.75BMT, G300

Source: *Acronem Consulting Report ACA 240131 dated 18/07/2025.*

Structural reliability – Resistance to wind actions (B1P1 & H1P1)

Metal Durabatten Top Hat 70x35x0.75BMT G300

Wind Classification AS 4055	Max. Design Ultimate Limit State(ULS) Wind Pressure AS/NZS 1170.2 (kPa)		Maximum span 70x19x0.75 Durabatten (mm)	Within 1200mm of corners (mm)		General Areas of Walls (mm)	
	Within 1200mm of corners	General wall area		Max. Durabatten spacing	Fastener Spacing	Max. Durabatten spacing	Fastener Spacing
N1w	-0.94	-0.53, +0.62	900	600	200	600	200
N2w	-1.3	-0.74, +0.86	900	600	200	600	200
N3w	-2.03	-1.16, +1.35	900	600	200	600	200
N4w	-3.01	-1.72, +2.01	900	600	140	600	200
N5w	-4.44	-2.53, +2.96	850	450	125	600	165
N6w	-5.99	-3.42, +3.99	650	450	100	450	150
C1w	-2.70	-1.80, +1.80	900	450	200	450	200
C2w	-4.02	-2.68, +2.68	900	300	200	450	200
C3w	-5.91	-3.94, +3.94	900	300	100	300	200

Notes:

1. For Weatherproofing in N1, N2, N3, N4, C1, C2, use either AS/NZS 4200.1 vapour permeable moisture barrier; or Durabarrier® rigid air barrier system.
2. For Weatherproofing in N5, N6, C3, C4, use Durabarrier® rigid air barrier system.
3. All fixing lengths shall be increased by 6mm when used in conjunction with Durabarrier Rigid Air Barrier System.
4. All supporting structure must be designed as structural framing to resist out-of-plane wind pressures.
5. Cladding fixings into battens shall be, 8ga-18 x 30mm countersunk screws, min. 15mm from sheet edges & 50mm from sheet corners (75mm from joints with the horizontal backing strip).
6. All cladding fixings shall be pre-drilled and countersunk with Innova countersinking tool.
7. It is the project engineer's responsibility to specify the connection of top hats to the supporting structure.
8. Steel Framing for N1-N3 shall be min. 0.75mm BMT G550, with batten fixings 10ga-16 x 25mm hex head screws, 2 fasteners per fixing location.
9. Steel Framing for N4-N6 & C1-C4 shall be min. 1.0mm BMT G550, with batten fixings 12ga-14 x 25mm hex head screws, 2 fasteners per fixing location.
10. In N1 to N4 top hats may be supported on 2 framing members (single-span).
11. In N5 to N6 top hats shall be supported on a minimum of 3 framing members (double-span).
12. Top hats shall be min. 70x35x0.75BMT, G300.

Source: *Acronem Consulting Report ACA 240131 dated 18/07/2025.*

Material Testing (C2D9)

Duragrid® Wall Cladding has been subject to BCA Specification 6 Structural tests for lightweight construction Test Methods outlined in S6C10 material tests. The relevant S6C10(a) standard adopted by reference in the BCA for Duragrid® Wall Cladding is AS/NZS 2908 Part 2 – Cellulose-cement products — Flat sheets. The material properties of Duragrid® have been determined by testing in accordance with AS/NZS 2908.2 by an Accredited Testing Laboratory, Duragrid® Wall Cladding is classified Type A, Category 3 in accordance with AS/NZS 2908.2:2000.

Source*: Acronem Consulting Report ACA 240131 dated 18/07/2025.*

Fire resistance Level (C2D2(2) & H3D3)	The fire performance of Duragrid® Wall Cladding System as an external wall to achieve a Fire Resistance Level (FRL), as required by Clause C2D2 for Type A Fire-Resisting Construction, including Specification 5 & Part 9.2.3(2) of the ABCB Housing Provisions has been verified by prototype testing & assessment performed by an Accredited Testing Laboratories in accordance with the requirements of AS 1530.4:2014, and as detailed in the Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025. Duragrid® Wall Cladding System incorporating 9mm DURAGRID® Wall Cladding sheets installed on a stud framed wall maximum 6.5m in height, either 90 mm deep timber studs or 92 mm deep 0.75mm bmt steel studs, at maximum 600mm spacing, noggins at maximum 1200mm spacing, fixing spacing maximum 200mm, including; sarking between Duragrid® Wall Cladding and 16mm GTEK™ Fire and Wet Area Plasterboard fixed to the external face of the framing; optional insulation in the framing cavity; jointing and base slab connection details; floor junction detail; framed wall trussed roof detail; internal lining of 10mm GTEK™ Standard Plasterboard; if tested in accordance with AS 1530.4:2014 will likely achieve an FRL of: - **60/60/60** with 1x16mm GTEK™ Fire and Wet Area Plasterboard installed on the external face of the framing as well as 10mm GTEK™ Standard Plasterboard on the inside. - **90/90/90** with 2x16mm GTEK™ Fire and Wet Area Plasterboard installed on the external face of the framing as well as 10mm GTEK™ Standard Plasterboard on the inside. **NOTE:** All exterior walls must have vapour permeable moisture barrier directly behind the Duragrid® Wall Cladding. No adhesives are to be used when installing GTEK™ Fire and Wet Area 16mm Nails or screws must be used. ***Source:*** *Acronem Consulting Report ACA 240131 dated 18/07/2025 and Warringtonfire Australia Pty Ltd Report number: FAS200381, Revision: R1.3 dated 08/07/2022.*
Non-combustible (C2D10 & H3D2)	Duragrid® Wall Cladding sheets are suitable for use where non-combustible materials are required in accordance with C2D10(6)(d) and H3D2(1)(d) of the Building Code of Australia as fibre-reinforced cement sheeting that complies with AS/NZS 2908.2:2000. Non-combustibility has also been verified by material testing performed by an Accredited Testing Laboratories in accordance with the requirements of AS 1530.1:1994. Non-combustible does not extend to include the joiners for the purpose of C2D10. ***Source:*** *Acronem Consulting Report ACA 240131 dated 18/07/2025 and Ignis Labs Pty Ltd Test Report No. IGNL-6089-01R I01 R01 dated 27/06/2022.*
Fire Hazard Properties (C2D11)	The Duragrid® Wall Cladding sheets achieved a Group Number of 1, and Average Specific Extinction Area (ASEA) of 9.1 m^2/kg ***Source:*** *Acronem Consulting Report ACA 240131 dated 18/07/2025 and AWTA Product Testing Report No. 23-004635 dated 14/12/2023.*
Bushfire Protection (G5D3 & H7D4)	**BAL-40:** The use of the Duragrid® Wall Cladding System incorporating Duragrid® Wall Cladding sheets as described in Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025 has been assessed by an accredited testing laboratory to be an acceptable use of the product to satisfy the prescribed requirements of AS 3959:2018 as part of an external wall to achieve a bushfire resistance performance of BAL– 40, with particular reference to requirements for joint sealing and the detailing requirements Clause 3.6.1 for vents, weepholes, gaps and screening materials. **BAL-FZ:** The use of the Duragrid® Wall Cladding System incorporating Duragrid® Wall Cladding sheets in conjunction with GTEK™ Fire and Wet Area 16 mm on the external side of the wall framing and GTEK™ 10mm Standard Plasterboard on the internal side of the wall framing, detailed per Sections 8.1 & 8.3 of Fire Assessment Report FAS200381 R1.3 (8 July 2022), has been assessed by an accredited testing laboratory as achieving FRL's that exceed the AS 3959:2018 BAL-FZ Clause 9.4.1(c) requirement for 30/30/30 when tested from the outside ***Source:*** *Acronem Consulting Report ACA 240131 dated 18/07/2025 and Warringtonfire Report No: 23616-R7.0, Ref: No: FAS220109 dated 27/05/2022.*

Weatherproofing (F3P1 & H2P2)

The weatherproofing performance of Duragrid® Wall Cladding System installed in applications where an external wall;

(i) has a risk score of 20 or less, when the sum of all risk factor scores are determined in accordance with NCC 2022, BCA Volume One Table F3V1(a), Volume Two Table H2V(a); and

(ii) is subjected to an absolute ultimate limit state wind pressure of more than 2.5kPa but not more than 5.99kPa, see Section Structural reliability – Resistance to wind actions for specific configuration requirements; and

(iii) includes only windows that comply with AS 2047;

has been verified by a combination of prototype testing in accordance with the requirements of AS/NZS 4284, wind strength testing of the Duragrid® Wall Cladding System, a Certificate of Accreditation, and other documentary evidence.

Based on these results, the Duragrid® Wall Cladding System, i**ncorporating a vapour permeable moisture barrier conforming with AS 4200.1 and installed in accordance with AS 4200.2,** is limited to external wall applications where the design serviceability limit state wind pressure, calculated in accordance with AS/NZS 1170.2 Structural Design Actions Part 2: Wind Actions, **does not exceed +0.82kPa and -1.23kPa**.

This is deemed to include AS 4055 Wind Classifications N1w, N2w, N3w, N4w, C1w & C2w, and excludes AS 4055 Wind Classifications, N5w, N6w, C3w & C4w.

The optional inclusion of Durabarrier Rigid Air Barrier System (as tested and reported above), to replace the "Vapour Permeable Moisture Barrier", as shown in Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025, has the effect of increasing the maximum design serviceability limit state wind pressure, calculated in accordance with AS/NZS 1170.2 Structural Design Actions Part 2: Wind Actions, to ±2.5kPa.

This is deemed to include AS 4055 Wind Classifications N1w, N2w, N3w, N4w, N5w, N6w, C1w, C2w, & C3w, and excludes C4w on the basis of strength of the Innova Duragrid Wall Cladding System.

The optional inclusion of "16mm GTEK™ Fire and Wet Area";

- between the wall framing and the "Vapour Permeable Moisture Barrier*", shown in the Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025 or
- between the wall framing and the Durabarrier Rigid Air Barrier,

and the additional requirements specific to achieving the required fire safety performance, is not considered to affect the weatherproofing performance as tested and assessed above.

Source: *Acronem Consulting Report ACA 240131 dated 18/07/2025 and Ian Bennie and Associates Test Reports No. 2019-019-S1 dated 15/06/2019, Test Report No. 2019-019-S8 dated 17/12/2019 and Test Report No. 2024-041-S2 dated 11/02/2025.*

Energy Efficiency (J4D6, H6D2(1))

The Total R-values of Duragrid® Wall Cladding System have been determined as:

Total R-values (m^2K/W) incorporating thermal bridging in accordance with AS/NZS 4859.1:2018			
Timber Framing (with R2.7 batts)			
Steel top-hat Durabatten off-stud		**Timber Durabatten on-stud**	
Winter	**Summer**	**Winter**	**Summer**
2.83 (U_T = 0.35 W/m^2K)	2.67 (U_T = 0.37 W/m^2K)	2.82 (U_T = 0.35 W/m^2K)	2.67 (U_T = 0.37 W/m^2K)
Steel Framing (with R2.7 batts)			
Steel top-hat Durabatten off-stud		**Timber Durabatten on-stud**	
Winter	**Summer**	**Winter**	**Summer**
2.04 (U_T = 0.49 W/m^2K)	1.92 (U_T = 0.52 W/m^2K)	2.00 (U_T = 0.50 W/m^2K)	1.91 (U_T = 0.52 W/m^2K)

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

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

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

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

The Duragrid® Wall Cladding System meets the Table J4D6a Minimum Deemed-to-Satisfy Total R-value requirements with the exception of Class 3 or 9c building or Class 9a ward areas in Climate Zones 1, 3, 4, 6, 7 & 8.

Source: *Acronem Consulting Report ACA 240131 dated 18/07/2025.*

A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

Duragrid® Wall Cladding System must be installed in accordance with the Innova Duragrid® External Wall Cladding System Design and Installation Guide July 2025.

A6 Other relevant technical data

Rising Damp (F1P4 & H2P3)	The damp-proofing performance of the Duragrid External Wall Cladding System to prevent unhealthy or dangerous conditions, or loss of amenity and undue dampness or deterioration of building elements is primarily achieved based on detailing that requires the Duragrid External Wall Cladding System to be installed "in line with NCC requirements". E.g. in accordance with NCC Vol. Two & ABCB Housing Provisions Part 7.5.7 where the minimum ground clearance from the bottom of the wall cladding to the adjoining finished ground level must be; 100mm in low-rainfall intensity areas, or sandy, well-drained areas; or 50mm above impermeable (paved or concreted) areas, or 150mm in any other case. In addition, a damp proof course (not supplied by ETEX Australia) is detailed beneath the bottom plate, see Innova Duragrid External Wall Cladding System, Technical Brochure, July 2025, Figures 16 & 19

Source: Acronem Consulting Report ACA 240131 dated 18/07/2025 and Innova DURAGRID® Wall Cladding System Technical Brochure July 2025.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

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

B2 Reports

1. Acronem Consulting Australia Pty Ltd; Report No. ACA 240131; Innova Duragrid® External Wall Cladding Systems, NCC 2022(Admt. 1) Volumes One, Two & Housing Provisions – External Walls; Dated 18/07/2025. This report provides evidence and validates the below test reports for compliance with; B1P1(1), (2)(c), H1P1(1), (2)(c), F3P1, H2P2, C2D2, H3D3, C2D9, C2D10(6)(d), H3D2(1)(d), C2D11, J4D6, H6D2(1), G5D3 & H7D4(2)(a). Test reports validated:
   a. Ian Bennie Associates; NATA Accreditation No. 2371; Test Report No.2023-062-S2; 9mm Duragroove AS4040.2 ultimate/strength limit state test wall WIND LOAD TESTS by the methods of AS:4040.2-1992(R2016); Dated 11/09/2023. Report provides evidence used by ACA 231010 to validate compliance with B1P1 and H1P1
   b. Ian Bennie Associates; NATA Accreditation No. 2371; Test Report No.2023-062-S3, 9mm Duragroove AS4040.2 ultimate/strength limit state test wall WIND LOAD TESTS by the methods of AS:4040.2-1992(R2016); Dated 11/02/2020. Report provides evidence used by ACA 231010 to validate compliance with B1P1 and H1P1.
   c. Ian Bennie Associates; NATA Accreditation No. 2371; Test Report No.2023-062-S4, 9mm Duragroove AS4040.2 ultimate/strength limit state test wall WIND LOAD TESTS by the methods of AS:4040.2-1992(R2016) To the requirements of AS 1562.1:2018: Dated 11/09/2023. Report provides evidence used by ACA 231010 to validate compliance with B1P1 and H1P1.
   d. James Cook University, Cyclone Testing Station; Report No. TS1104; Cyclic Simulated Wind Load Strength Testing of Duragrid Façade System; Dated 03/04/2018. Report provides evidence used by ACA 231010 to validate compliance with B1P1 and H1P1.
   e. James Cook University, Cyclone Testing Station; Report No. TS1331; Static Simulated Wind Load Strength Testing of Duragrid Façade System for Non-Cyclonic Regions; Dated 20/03/2024. Report provides evidence used by ACA 231010 to validate compliance with B1P1 and H1P1.
   f. Warringtonfire Aus Pty Ltd; NATA Accreditation No. 3277; Report No. FAS200381 Revision 1.3; Assessment of FRLs ; Dated08/07/2022. Report provides evidence of FRLS for compliance with C2D2(2) & H3D3. [EXPIRES 31/03/2026]

g. CSIRO; NATA Accreditation No. 165; Test Report: 8040, 6mm Cellulose-reinforced Fibre Cement Flat Sheet to the requirements of AS/NZS 2908.2:2000 and AS 1774.31.1:2000(R2013) Modulus of elasticity – Flexural method; (Type A, Cat.3, PA mix-design applicable to Duragroove and Durascape; Dated 04/07/2018. Testing in accordance with Specification 6 Material Testing for compliance with C2D9.

h. BRANZ Test Report: DC16150-002-2; Testing Duragroove to the requirements of AS/NZS 2908.2:2000; (PA-T, Type A Category 3, applicable to Duragroove and Durascape); Dated 15/08/2022.; Dated 24/12/2021. Testing in accordance with Specification 6 Material Testing for compliance with C2D9.

i. Ian Bennie Associates; NATA Accreditation No. 2371; Test Report No. 2019-109 Report 1 - ASTM E695-79 impact test modified to the requirements of NCC Vol. 1; Dated 11/02/2020. Testing in accordance with Specification 6 Material Testing for compliance with C2D9.

j. Ian Bennie Associates; NATA Accreditation No. 2371; Test Report No. 2019-109 Report 2 - Surface Indentation Tests to NCC; Dated 14/02/2020. Testing in accordance with Specification 6 Material Testing for compliance with C2D9.

k. Ignis Labs Pty Ltd; Test Report No. IGNL-6089-01R I01 R01; Dated 27/06/2022. Report provides evidence for compliance with C2D10 & H3D2. [EXPIRES 26/06/2027]

l. AWTA Product Testing Pty Ltd; Test Report No. 23-004635; Duragrid, Durascape, Duragroove, Stonesheet, Intergroove, Durasheet 6mm, Duraliner Plus, Duralux Plus, Durabarrier 6mm, CTU", (PA-T), AS/NZS 3837:1998; Dated 14/12/2023. Report documents the results of testing in accordance with AS 5637.1 with group number and ASEA for compliance with C2D11.

m. AWTA Product Testing Pty Ltd; Test Report No. 23-004635; Group Number Assessment (in accordance with AS 5637.1-2015), "Duragrid, Durascape, Duragroove, Stonesheet, Intergroove, Durasheet 6mm, Duraliner Plus, Duralux Plus, Durabarrier 6mm, CTU", Test Number: 23-004635. (PA-T); Dated 14/12/2023. Report documents the results of testing in accordance with AS 5637.1 with group number and ASEA for compliance with C2D11.

n. Warringtonfire Aus Pty Ltd; NATA Accreditation No. 3277; Report No. FAS210082 RIR1.1; Assessment of plasterboard products in accordance with AS 5637.1:2015; Dated 25/08/2023. Report provides evidence of Group Numbers of linings for compliance with C2D11. [EXPIRES 30/06/2026]

o. AWTA Product Testing Pty Ltd; Test Report No. 23-004659; AS/NZS 1530.3-1999 Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release; Dated 21/12/2023. Report documents the results of testing in accordance with AS 5637.1 with group number and ASEA for compliance with C2D11.

p. Ian Bennie and Associates; NATA Accreditation No. 2371; Test Report No. 2019-019-S1; Dated 15/06/2019. Report provides evidence for compliance with F3P1 & H2P2.

q. Ian Bennie and Associates; NATA Accreditation No. 2371; Test Report No. 2019-019-S8; Dated 17/12/2019. Report provides evidence for compliance with F3P1 & H2P2.

r. Ian Bennie Associates; NATA Accreditation No. 2371; Test Report No.2024-041-S2; Performance tests by the methods of AS/NZS 4284-2008 to the requirements of NCC 2022 verification methods F3V1 & H2V1, 9mm fibre cement façade with open expressed joints with Innova Durabarrier 6mm rigid sheathing air barrier. (open jointed, +1.63/-2.45 kPa); Dated 11/02/2025. Report provides evidence for compliance with F3P1 & H2P2

s. Warringtonfire Report No: 23616-R7.0, Ref: No: FAS220109; Dated 27/05/2022. Report provides evidence of BAL-40 for compliance with G5D3 & H7D4. [EXPIRES 31/05/2027]

t. Acronem Consulting Australia Pty Ltd; Calculation No. W250211a; Calculation of Total Thermal Resistance, ETEX Australia, Innova Duragrid, (Vert. Durabatten top-hat off-stud, Wrap/RAB, R2.7 batts, 90x45mm STEEL studs at 600mm centres & 10mm plasterboard; Dated 12/02/2025. Calculations are in accordance with H6D2(1) and J4D6.

u. Acronem Consulting Australia Pty Ltd; Calculation No. W250211b; Calculation of Total Thermal Resistance, ETEX Australia, Innova Duragrid, (Vert. Durabatten top-hat off-stud, Wrap/RAB, R2.7 batts, 90x45mm TIMBER studs at 600mm centres & 10mm plasterboard.; Dated 12/02/2025. Calculations are in accordance with H6D2(1) and J4D6.

v. Acronem Consulting Australia Pty Ltd; Calculation No. W250211c; Calculation of Total Thermal Resistance, ETEX Australia, Innova Duragrid, (Vert. Durabatten F17 on-stud, Wrap/RAB, R2.7 batts, 90x45mm STEEL studs at 600mm centres & 10mm plasterboard.; Dated 12/02/2025. Calculations are in accordance with H6D2(1) and J4D6.

w. Acronem Consulting Australia Pty Ltd; Calculation No. W250211d; Calculation of Total Thermal Resistance, ETEX Australia, Innova Duragrid, (Vert. Durabatten F17 on-stud, Wrap/RAB, R2.7 batts, 90x45mm TIMBER studs &10mm plasterboard.; Dated 12/02/2025. Calculations are in accordance with H6D2(1) and J4D6.

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