



Certificate of Conformity

Certification Body:



**BUREAU
VERITAS**

Bureau Veritas Australia Pty Ltd
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Certificate Holder:

KNOTWOOD™

Knotwood Pty Ltd
7/63 Burnside Road, Stapylton
QLD 4207
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https://knotwood.com/au/

Certificate number: CM70186 Rev1

THIS IS TO CERTIFY THAT Knotwood Cladding System

Type and/or use of product:

The Knotwood Cladding System is an aluminum core panel that can be used as a cladding for façades panel, soffit panel, internal panel anywhere a non-combustible material is required.

Description of product:

The Knotwood Cladding System comprises interlocking solid aluminium cladding boards (KEC100S, KEC150S, KEC200S) and associated trims, finished in a solid or sublimated powder coat finish.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)

BCA 2022 Amdt.2

	Volume One	Volume Two	
Performance Requirement(s)	B1P1(1), limited to 2(a) and (c)	H1P1(1), limited to 2(a) and (c)	Structural reliability and resistance
	F3P1	H2P2	Weatherproofing
	G5P1	H7P5	Buildings in bushfire prone areas
Deemed-to-Satisfy Provision(s):	C2D10(1)(a)	N/A	
State or territory variation(s):	NSW G5P1	TAS H7P5	Buildings in bushfire prone areas
	QLD G5P1		
	TAS G5P1		
	VIC G5P1		

Sam Guindi – Product Certification Manager
Bureau Veritas Australia Pty Ltd

Harley Parkes - Unrestricted Building Certifier
Jensen Hughes Pty Ltd

Date of issue: 7 April 2026

Revalidated: 18 May 2026

Date of expiry: 7 April 2029



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. The Knotwood Cladding system shall be installed in accordance with Knotwood Cladding and Soffits DESIGN INSTALLATION GUIDES TESTS & REPORTS (V.07.2025).
2. The Knotwood Cladding system has not been assessed against the requirements for energy efficiency.
3. The specification, supply and construction of steel, timber or concrete wall or substrate for use with the Knotwood Cladding system is outside the scope of this assessment.
4. All fixing anchors shall be stainless steel. Alternatively, hot dipped galvanised steel fixings can be used in combination with neoprene washers to isolate the fixing anchor from the aluminium.
5. Knotwood Cladding System has been tested to AS4284 and has been deemed to meet the requirements of F1V1 and H2V1, when installed on buildings:
 - a. Not subject to ultimate limit state wind pressure of more than 2.5kPa; and
 - b. includes only windows that comply with AS 2047; and
 - c. Are designed to meet (as applicable):
 - i. Volume One risk score requirements of F3V1(1)(b) and Table F3V1a Risk factors and scores; or
 - ii. Volume Two risk score requirements of H2V1(1)(b) and Table H2V1a Risk factors and scores.
6. The Knotwood Cladding system is suitable for use where a non-combustible panel is required.
7. The Knotwood Cladding system is suitable for Wind Region C or lower and when used within high wind or cyclonic regions. Shall require certification and approval from a suitably qualified Structural Engineer.
8. The Knotwood Cladding system is suitable for Bushfire Prone areas up to BAL-40 when used in conjunction with;
 - a. Bluescope Truecore Steel Frame, and
 - b. Knauf Earthwool Insulation, and
 - c. 10 mm Knauf Sheetrock One Plasterboard internal lining,
 - d. 9 mm BGC Durascape fibre cement external sheeting, and
 - e. 6 mm HardieFlex fibre cement eave lining

Note: all cases the installation shall be in accordance with AS3959:2018.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings
Volume 2 – Class 1 and Class 10 buildings

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.

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.



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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As above.

A2 Description of product

As above.

A3 Product specification

The following products form part of the Knotwood Cladding System:

- KEC100S – 100 mm Cladding Board (Section No. TS59891/B)
- KEC150S – 150 mm Cladding Board (Section No. TS59892/B)
- KEC200S – 200 mm Cladding Board (Section No. TS57283/A, DWG No. KTW-002)
- KACC – Cladding Clip (Section No. TS57283/A)
- KEDS – Cladding Starter (Section No. TS54312/H)
- KECFF – Cladding Finishing Base Female (Section No. TS52246/D)
- KECFMS – Cladding Finishing Top Trim Small Male (Section No. TS52794/A)
- KECFML – Cladding Finishing Top Trim Large Male (Section No. TS52249/D)
- KECCF – Cladding Internal/External Corner Female (Section No. TS52250/D)
- KECCMS – Cladding Internal/External Corner Small Male (Section No. TS56143/B)
- KECCML – Cladding Internal/External Corner Large Male (Section No. TS58453/A)
- KECCFA – Cladding Internal/External Corner Female 135 Degree (Section No. TS58557/B)
- KECCMA – Cladding Internal/External Corner Male 135 Degree (Section No. TS58558/B)
- KECJF – Cladding Joiner Base Female (Section No. TS52245/E)
- KECJM – Cladding Joiner Top Male (Section No. TS52261/D)
- KECFS – Cladding Starter Female – Pages 1-10

A4 Manufacturer and manufacturing plant(s)

Aluminium Extruding:

- Capral Aluminium, 71 Ashburn Road, Bundamba QLD 4304
- G James Extrusion Co Pty. Ltd. 1084 Kingsford Smith Drive, EAGLE FARM QLD 4009

Finishing:

- Knotwood Pty Ltd, 7/63 Burnside Road, Stapylton QLD 4207.



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A5 Installation requirements

Details on installation can be found in in the following documents:

- Knotwood Cladding and Soffits DESIGN, INSTALLATION GUIDES, TESTS, & REPORTS (V.07.2025).

A6 Other relevant technical data

N/A

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

BCA 2022.2

1. Structure

A2G2(2)(a)/A5G3(1)(d) - A report issued by an Accredited Testing Laboratory (Ian Bennie & Associates - Nata Accreditation No. 2371)

A2G2(2)(a)/A5G3(1)(e) - A report from a professional engineer or other appropriately qualified person (J.C. Engineers & Magryn and Associates)

2. Weatherproofing

A2G2(2)(a)/A5G3(1)(d) - A report issued by an Accredited Testing Laboratory (Ian Bennie & Associates - Nata Accreditation No. 2371)

3. Bushfire Construction

A2G2(2)(a)/A5G3(1)(d) - A report issued by an Accredited Testing Laboratory (Ignis Labs - Nata Accreditation No. 20534)

4. Non-combustibility

A2G3(2)(a)/A5G3(1)(d) - A report issued by an Accredited Testing Laboratory (Jensen Hughes Fire Testing (formerly Exova Warringtonfire) - Nata Accreditation No. 3277)

B2 Reports

Structure

1. J.C. Engineers, Performance Based Design Brief Knotwood Shadowline Aluminium Cladding System, Report No. D134, dated 17 March 2026.

This report contains the assessment of KEC100S – 100 mm board, KEC150S – 150 mm board, and KEC200S – 200 mm board against the requirements of B1P1(a) and(c), H1P1(a) and (c), H1P1, and H2P2 based on Ian Bennie and Associates AS4040.2 Wind Load test report, Magryn and Associates assessment against the requirements of AS1170.0 and AS1170.1, and Ian Bennie and Associates AS4284 façade weatherproofing test report.

2. Ian Bennie and Associates, AS4040.2:1992(R2016) Static Serviceability Limit State and Strength Limit State WIND LOAD TESTS, Report No. 2023-035-S1-R1, dated 2 November 2023.

This report provides the results of testing of Knotwood Shadowline 200 Cladding - Horizontal to AS4040.2 and states that the product passed the test requirements of AS1562.1:2018.

3. Ian Bennie and Associates, AS4040.2:1992(R2016) Static Serviceability Limit State and Strength Limit State WIND LOAD TESTS, Report No. 2023-035-S2-R1, dated 2 November 2023.

This report provides the results of testing of Knotwood Shadowline 200 Cladding - Vertical to AS4040.2 and states that the product passed the test requirements of AS1562.1:2018.

4. Ian Bennie and Associates, AS4040.3:2018 Strength Limit State FATIGUE WIND LOAD TESTS, Report No. 2023-029-S1, dated 16 October 2024.

This report provides the results of testing of Knotwood 200 mm Interlocking Shadowline Cladding Board to AS4040.3 and states that the product achieved a test result of -6.56kPa for Negative Pressure.

5. Magryn and Associates Pty Ltd, Certificate – Cladding Board Fixings, Project No. 16391 Rev B, dated October 2016.

This Certificate contains a statement of compliance of Cladding Board Fixings for Knotwood 150 mm (KEC150S), 100 mm (KEC100S), and 90 mm (KWDC90) to AS1170.0, AS1170.1, and AS1170.2.

6. Magryn and Associates Pty Ltd, Certificate – wall fixings, Project No. 20319, dated July 2020.

This Certificate contains a statement of compliance of Wall Fixings for Knotwood 200 mm (KEC200S) to AS1170.0, AS1170.1, and AS1170.2.

7. Magryn and Associates Pty Ltd, Certificate – Component Fixings, Project No. 16391 Rev B, dated October 2016.

This Certificate contains a statement of compliance of Component Fixings for 150 mm (KEC150S), 100 mm (KEC100S), 90mm (KWDC90) and associated components listed within the Certificate to AS1170.0, AS1170.1, and AS1170.2.

8. Magryn & Associates Pty Ltd, Certificate – Aluminium Cladding System Standard Certification, Project No. 25594 Rev A, dated 16 January 2026.

This Report contains a statement of compliance for Knotwood 300 mm wide board (KEC300US), 200mm wide board (KEC200S), 150 mm wide board (KEC150S), 100 mm wide board (KEC100S) and 90 mm wide board (KWDC90). Other components included the bottom joiners (KWCBJ), flashing bases (KWCFB), Top Clips (KWCFTC), Internal/External Male Corners (KWCIEMC), Internal/External Female Corners (KWCIEFC), Window/Door Top Flashings (KWCTF), Top Joiners (KWCTJ) and Cladding Starter Pieces (KWDCST) updated to AS1170.2:2021.

Weatherproofing

9. Ian Bennie and Associates, AS/NZS4284:2008 Testing of building facades, Report No. 2021-099-S1, dated 19 September 2022.

This report provides the results of testing to AS/NZS4284:2008 and states that the product passed all tests.

Bushfire Construction

10. IGNIS Labs, Bushfire Compliance Assessment AS 3959:2018, Report No. IGNL-8252-99-01R|01R01, dated 24 July 2024.

This report contains the assessment of the Knotwood system and claims that Knotwood Cladding will achieve an equivalent performance to a Deemed-to-Satisfy system of AS3959:2018 comprised of 9mm fibre cement or steel cladding. As the product is non-combustible, when used in conjunction with a 9mm fibre cement backing, Knotwood Cladding is considered suitable for use in areas up to BAL-40.

Non-Combustibility

11. Exova Warringtonfire, AS1530.1-1994 Methods for Fire Tests on building materials, components and structures. Part 1: Combustibility test for materials, Report No. 414179-02.1, dated 31 August 2016.

This report provides the results of testing Knotwood Cladding system against AS1530.1-1993 and determines that the product is not deemed combustible.