Certificate of Conformity

Certification Body:

CMI CERTFICATION
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Certificate Holder:

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Certificate number: CM40475

THIS IS TO CERTIFY THAT

Neoteka External Wall System

Type and/or use of product:

External wall cladding system

Description of product:

Neoteka Panel External Wall Cladding System incorporates foamed ceramic wall panel fixed to steel top-hat battens to steel framing as a cavity-battened external wall.

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

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	H1P1(1), (2)(c) Structural stability and resistance – Limited to wind actions.
Deemed-to-Satisfy Provision(s):	Not Applicable	Not Applicable
State or territory variation(s):	Not Applicable	Not Applicable

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. It is the responsibility of the building designer to ensure this product is fit for purpose and approved for use with the other proposed components of the building. Design and construction must be in accordance with the Neoteka Panel External Wall Cladding System Technical Information and Installation Manual Version 4. The structural support members are to be designed and engineered separately as per project requirements by building designers and engineers. Installation is restricted to AS 4055: 2021 wind classification N1 and N2 for residential house in region A only and cannot be installed in cyclonic wind regions.
2. The Neoteka External Wall System has not been tested against AS 1530.4 and does not achieve an FRL. The foamed ceramic wall panel has been tested in accordance with AS 1530.1:2024 and has been not deemed combustible in accordance with the criteria of clause 3.4.
3. No testing for weatherproofing has been undertaken for this system and sits outside of the scope of certification.
4. 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.
5. 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 & 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.

Glen Gugliotti - CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 02/07/2026

Date of expiry: 02/07/2029

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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

System Components

Neoteka Panel	Panels are available in lengths of 2700 mm, 3000 mm, and 3300 mm, and widths of 600 mm, 900 mm, and 1200 mm. The panels are 80mm thick light grey foamed ceramic panels with a density of 390kg/m³.
Screws	Screws shall be Class 3 (Class 4 in corrosive environments) to suit the steel framing. Screws must comply with the corrosion protection requirements of AS 4773 (Part 4 and Appendix C).

Screw Type	Application
5.0mm Dia.x19mm long hex head self-drilling screw	Top-hat to steel frame
5.0mm Dia.x90mm long self-tapping screw	Fix panel to top-hat

Top-Hat Battens	Battens used to fix the Neoteka Panel to steel framing shall be steel top-hats with minimum 22 mm depth, 0.42mm steel thickness, manufactured using TRUECORE® steel (aluminium/zinc alloy coated) complying with AS1397 G550, AM150 (550 MPa minimum yield stress).
Damp Proof Course	Damp proof course (DPC), installed by builder, must meet the requirements of AS/NZS 2904.
Vapour Permeable Wall Wrap	The framing must be wrapped with vapour permeable wall wrap product that meets the requirements of AS/NZS 4200.1. It must be Medium Duty (MD) Classification at a minimum and have a Low Flammability Classification, (Flammability Index (FI) equal or less than 5) in accordance with AS 1530.2.
Flashing tape	Flashing tape must be Aluminium faced Butyl Flashing Tape, 48mm wide x 1.5mm thick. It shall be used to seal the breathable wall wrap at windows, doors, electrical, plumbing, other services, and along the base of the wall (e.g., Tenacious Tapes – Waterproof/Sealing).
Starter Channel	Starter channel with weepholes in U-shape (boot) or L-shape, aluminium/PVC is optional on all exposed panel edges and as detailed for penetrations.
Aluminium/PVC External Angles	External angles must be 32 mm x 32 mm Aluminium or PVC and must be installed at openings and edges as detailed.
Backing Rod / Ableflex	The 'backing rod' is not required in general case. The panel is watertight and the gap can be filled with provided specific glue. A closed-cell polyethylene foam as 'back-blocking' for flexible adhesive sealants can be placed in joints if cutting is required for the panels.
Coating System	The external coating system is not required for Neoteka panels. The glue sealant will be provided to ensure the following minimum performance for water resistance and vapour permeability of the building envelope is achieved. Where a coating manufacturers' coating system is chosen for application to Neoteka panels, the coating system must be warranted by the coating manufacturer as appropriate for external application with the following minimum characteristics.

A3 Product specification

Structural stability and resistance – Limited to wind actions.

H1P1(1), (2)(c)

Neoteka Panel External Wall Cladding System has been tested and achieved the wind load capacity performances in AS 4055: 2021 wind classification N1 and N2 for residential house in region A only and cannot be installed in cyclonic wind regions.

5.0mm Diameter x 90mm Long Self Tapping Screw Fixing Table for Vertically Aligned Installations of Neoteka Panel

		Wind Class (as per AS4055-2021)	
		N1	**N2**
General areas	Max. 1mm thick top-hat batten spacing (mm)	450	450
	Min, fixings per panel per batten	2	2
At corners	Max. 1mm thick top-hat batten spacing (mm)	450	450
	Fixings per panel per batten	2	2
		±0.84 kPa (Wind Speed: ±34m/s)	**±1.25 kPa (Wind Speed: ±41 m/s)**
Any area	Max. top-hat batten spacing (mm)	450	450
	Min. fixings per panel per batten	2	2
	Min. fixing batten per panel	2	2

Note:
1. Maximum stud spacing is 450mm.
2. The wind class is as defined by AS4055-2021.
3. 'At corners' refers to areas of wall within a horizontal distance of 450mm from corners of the building.
4. The above table is for the System Components outlined in the Neoteka Panel External Wall Cladding System Technical Information and Installation Manual Version 4 with the Construction Details contained in the manual.

5.0mm Diameter x 90mm Long Self Tapping Screw Fixing Table for Horizontally Staggered Installations of Neoteka Panel

		Wind Class (as per AS4055-2021)	
		N1	**N2**
General areas	Max. 1mm thick top-hat batten spacing (mm)	450	450
	Min, fixings per panel per batten	2	2
At corners	Max. 1mm thick top-hat batten spacing (mm)	450	450
	Fixings per panel per batten	2	2
		±0.84 kPa (Wind Speed: ±34m/s)	**±1.25 kPa (Wind Speed: ±41 m/s)**
Any area	Max. top-hat batten spacing (mm)	450	450
	Min. fixings per panel per batten	2	2
	Min. fixing batten per panel	2	2

Note:
1. Maximum stud spacing is 450mm.
2. The wind class is as defined by AS4055-2021.
3. 'At corners' refers to areas of wall within a horizontal distance of 450mm from corners of the building.
4. The above table is for the System Components outlined in the Neoteka Panel External Wall Cladding System Technical Information and Installation Manual Version 4 with the Construction Details contained in the manual.

Structural stability and resistance – Limited to wind actions. **H1P1(1), (2)(c)**	**Top Hat Spacing:** In all cases the maximum top-hat spacing shall not exceed those listed in the table 2 and table 3 in Section 3.1. The maximum overhang of Neoteka Panel from the top-hat batten is 250mm. Top-hats must be fixed with minimum two (2) screws to each stud as described in Section 4.7. **Fixing Spacing and Edge Distances:** Neoteka Panel is fixed to the top-hat battens with the screw-types described in Section 4.7. The minimum screw edge distance is 100mm ***Source**: LW Consulting Engineers; Engineering Evaluation Certificate - Neoteka Panel External Wall Cladding System, NCC 2022 Vol.2 – Non-load Bearing External Wall Cladding; Dated 02/06/2026 & Shanghai Jianke Technical Assessment of Construction Co., Ltd., CNAS Accreditation No. L14350, Report No. MQ018-250016, Dated 11/10/2025.*

A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

Design and construction must be in accordance with the Neoteka Panel External Wall Cladding System Technical Information and Installation Manual Version 4.

A6 Other relevant technical data

Non-combustibility	The certificate holder has provided the Certificate of Test for Combustibility for Materials in accordance with AS 1530.1: 2024 for the Foamed Ceramic Exterior Wall panel. The material is **NOT deemed combustible** – Limited to the panel only. ***Source**: CASfire Technical Co., Ltd, Test Report No. CF250801218ENV0 dated 20/11/2025*

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Structural Provisions A5G3(1)(d)&(e). Reports from an accredited test laboratory and a professional engineer.

B2 Reports

1. LW Consulting Engineers; Engineering Evaluation Certificate - Neoteka Panel External Wall Cladding System, NCC 2022 Vol.2 – Non-load Bearing External Wall Cladding; Dated 02/06/2026. Report provides evidence of compliance with H1P1(1), (2)(c) based on the following test report:

a. Shanghai Jianke Technical Assessment of Construction Co., Ltd., CNAS Accreditation No. L14350, Report No. MQ018-250016, Dated 11/10/2025.

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