



4th April 2022

REF: ACA191009 220404

ENGINEERING EVALUATION CERTIFICATE
Fenco Panel External Wall Cladding System,
NCC 2019(Amdt.1) Vol.2 Appraisal – External Walls

This certificate is issued by: Acronem Consulting Australia Pty Ltd

This certificate is issued to: Australia Fenco Low Carbon Construction Pty Ltd
Apt 9 / 259 Canterbury Road, Forest Hill, Vic., 3131, Australia

This certificate is issued in relation to the proposed building work at: N/A

Nature of proposed building work:

Construction of a *new building/*extension/*alteration

Version of BCA applicable to certificate – NCC 2019(Amdt.1), BCA Volume Two

Building classification:

Part of building – External Wall BCA Classification: Class 1 and Class 10 Buildings

Prescribed class of building work for which this certificate is issued:

Design or part of the design of building work relating to *Structural matter

Documents setting out the design certified by this certificate:

Document:	Date:	Type:	Pages:	Prepared by:
Fenco Panel External Wall Cladding System, Technical Information and Installation Manual, Version 4.0	4 th April 2022	Specification	40	Australia Fenco Low Carbon Construction Pty Ltd

Performance solution

This certificate describes the foundation of a Performance Solution addressing Performance Requirements & Deemed-to-Satisfy provisions relevant to external walls of buildings.

Relevant performance requirement	Engineering Report:
P2.1.1, P2.2.2, P2.2.3, 3.8.7.2 3.10.5.0(c), 3.12.1.4	Acronem Consulting Australia, Report No: ACA 191009 220404, April 4 th , 2022, FENCO PANEL EXTERNAL WALL CLADDING SYSTEM, NCC 2019(Amdt.1) VOL.2 APPRAISAL – EXTERNAL WALLS. Specific references to required details are listed as; (i) the assessment method or methods; (see Appendix A) (ii) the details of any expert judgement; (see Section 4) (iii) the details of any tests or calculations; (see Appendices D & E)



	(iv) the details of any standards or other information; (see Table of Contents, Appendix B for Qualifications and Experience, and Appendix C for reference to Specifications).
--	--

The design certified by this certificate forms the foundation of a performance solution via a performance-based design brief that must demonstrate compliance with the National Construction Code.

NCC	Performance Requirement(s) & Deemed-to-Satisfy Provision(s)
NCC 2019(Amdt.1), Volume Two	<ul style="list-style-type: none">- P2.1.1 regarding the structural performance of external wall cladding of buildings.- P2.2.2 regarding the weatherproofing of external walls of buildings.- P2.2.3 regarding the damp-proofing of external walls of buildings.- 3.8.7.2 regarding condensation management, pliable building membrane.- 3.10.5.0(c)- Bushfire Attack Level of external walls of buildings- 3.12.1.4 regarding the thermal performance of external walls of buildings.

I certify this design will comply with the NCC requirements specified in this certificate provided it is used, designed, installed and maintained in accordance with the instructions, limitations, conditions and validity requirements of the referenced Specification and Engineering Report. I believe that I hold the required skills, experience and knowledge to issue this certificate and can demonstrate this if requested to do so.

Engineer:

Name: Cameron Chick BE(Hons), Ph.D, GC.Com.(Mktg), M.AIRAH, RPEQ

Email: cameron@acronem.com.au

Registered Professional Engineer

Qld. (Structural): 15370

Vic. (Civil): PE0000967

Date of issue of certificate: 04/04/22

Signature: