



Certificate of Conformity

Certificate number: CM40198

THIS TO CERTIFY THAT

Larcore A2

Certification Body:


 ABN: 80 111 217 568
 JAS-ANZ Accreditation
 No. Z4450210AK
 PO Box 7144, Sippy
 Downs Qld 4556
 +61 (07) 5445 2199
www.CertMark.org

Type and/or use of product:

The Larcore A2 Cladding System can be used as part of a walling system or as an attachment, veneer, cladding, lining or other term for the final internal or external part of a wall system.

Description of product:

The Larcore A2 honeycomb panel is a Non-combustible aluminium honeycomb-cored sandwich panel comprising of 5 layers:

Layer 1: 0.5-mm to 1.0mm thick metal face

Layer 2: 0.2-mm thick adhesive

Layer 3: 4.6-mm to 38-mm thick honeycomb aluminium core

Layer 4: 0.2-mm thick adhesive

Layer 5: 0.5-mm to 1.0 thick metal skin

Metal = Aluminium, Stainless Steel or Zinc

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

BCA 2016

Certificate Holder:



ALUCOIL, S.A.
 V.A.T: A81468993
 Pol. Ind. Bayas, C/
 Ircio R72-R77 Miranda
 de Ebro, 09200, Spain
 T: +34 947 333 320
 F: +34 947 331 224
 W: www.alucoil.com

Volume One

Performance Requirement(s)

CP2

Fire Resistance

Deemed-to-Satisfy Provision(s):

C1.12 (f)

Non-combustible materials

State or territory variation(s):

Not applicable to this Product

Volume Two

Not applicable to this Product

Limitations and conditions:

- A. The sub-structure that the decorative panel is attached to must meet any requirements applicable to the building type in relation to structural, weatherproofing, insulation, acoustic or Fire Resistance Level.
- B. This certificate is limited to the details within this certificate including the above compliance elements, product description, purpose or use

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

Building classification/s: Type A, B or C and of C and of occupancy 2, 3, 4, 5, 6, 7, 8 or 9

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.


 John Thorpe - CMI


 Don Grehan - Unrestricted Building Certifier

Date of issue: 09/02/2017

Date of expiry: 09/02/2020





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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page one.

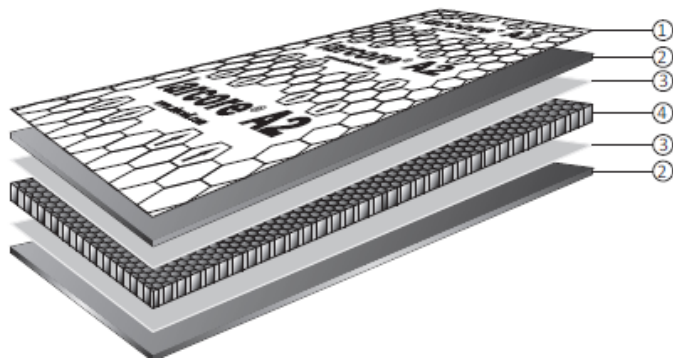
A2 Description of product

As per page one.

A3 Product specification

Larcore A2 panel is manufactured in a continuous industrial process and formed the following components:

- An aluminium honeycomb core, with anti-corrosion pre-treatment.
- Aluminium sheeting bonded to both sides of the core, pre-treated, coated and different finishing's.
- 100 microns PVC protective film.



1. Protective film
2. Aluminium
3. Adhesive
4. Aluminium Honeycomb Core
5. Adhesive
6. Aluminium

A4 Manufacturer and manufacturing plant(s)

ALUCOIL, S.A.

V.A.T: A81468993

Pol. Ind. Bayas, C/ Ircio R72-R77 Miranda de Ebro, 09200, Spain

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A5 Installation requirements

As per Larcore A2 Technical Notebook Hidetech System v4

The product is to be mechanically fixed to the wall sub-structure with approved Larcore fixing systems as detailed in the Larcore A2 Technical Notebook Hidetech System v4.



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A6 Other relevant technical data

Reaction to fire

AS/NZS 1530.3 -1999

| Ignitability Index | Spread of flame | Heat release | Smoke development index |
|--------------------|-----------------|--------------|-------------------------|
| 0 | 0 | 0 | 2 |

EN 13823:2012:

| Behaviour to fire | Smoke Production | Droplets in flames | | |
|-------------------|------------------|--------------------|---|---|
| A2 | S | 1 | d | 0 |

AS 1530.1 -1994

The testing by the CSIRO concludes that the deemed Non-Combustible according to the test criteria specified in Clause 3.4 of AS 1530.1-1994

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

NCC Volume One - A.0.4 Deemed-to-Satisfy Solutions

The evaluation process employed to arrive at this section include:

- Evaluation of the technical reports as detailed in below in section B2.
- Audit of the installation process.
- Expert judgment by appropriately qualified engineers.
- Evaluation of the audit process and confirmation of the findings by the Unrestricted Building Certifier whose name and signature appear on page one of the certificate.

B2 Reports

- LGAI Technological Center, S.A. - ISO 1716:2011: Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value) (ISO 1716:2010)
- LGAI Technological Center, S.A report 4/8199-319 Part 1 - EN 13823:2012: Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.
- LGAI Technological Center, S.A report 4/8199-319 Part 2 - EN 13501-1:2007+A1:2010: "Classification in terms of the behaviour to fire of construction products and building elements. Part 1.
- CSIRO Report FCP-3124 - Assessment report verifies conformity to Clause C1.12 of NCC Volume 1
- CSIRO Report FNC11734 - AS 1530.1 -1994 combustibility test of materials
- AWTA Report 7-589763 - AS/NZS 1530.3 - 1999 Simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release
- AWTA Report 7-589750 - AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
- AWTA Report 7-590201-CO - AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter