



# Certificate of Conformity

## Certification Body:



SAI Global Certification Services  
Pty Limited

(ACN 108 716 669) ("Intertek SAI  
Global")

JAS-ANZ Accreditation No.  
Z1440295AS

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Certificate number: CM20223

## THIS TO CERTIFY THAT

### ALPOLIC™ FR

#### Type and/or use of product:

ALPOLIC™/FR is an aluminium composite material (ACM\*) for use as part of an external cladding system & as an internal lining and eaves lining.

#### Description of product:

ALPOLIC™/FR is an aluminium composite material (ACM\*) with a 3mm mineral core sandwiched between two skins of 0.5mm thick aluminium facings having a total nominal thickness of 4mm.

The topside surface is finished with Lumiflon™ based fluoropolymer coating as standard, and the backside is finished with a thin polyester coating (wash coating) or a service coating. Finishes are available in Solid, Metallic, Sparkling, Prismatic colours and Patterns.

Note: \* Aluminium composite material (ACM) is also commonly referred to as aluminium composite panels (ACP)

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

## BCA 2022

	Volume One		Volume Two	
Performance Requirement(s)	-	-	-	-
Deemed-to-Satisfy Provision(s):	A5G8 C2D11(1)(b) including Spec 7 clause S7C4 G5D3	Labelling of aluminium composite panels Fire resistance and stability - Fire hazard properties Construction in bushfire prone areas – Protection — residential buildings	A5G8 H7D4(2)(a)	Labelling of aluminium composite panels Ancillary provisions and additional construction requirements - Construction in bushfire prone areas

SAI Global Certification Services

Calin Moldoveanu  
President, Business Assurance

Martin Ryan – Unrestricted Building Certifier

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Date of expiry: 25-Oct-2027



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**State or territory variation(s):** **NSW C2D11(1)(b)** **Fire resistance and stability** - Fire hazard properties **NSW H7D4(2)(a)** **Ancillary provisions and additional construction requirements** - Construction in bushfire prone areas  
**NSW G5D3** **Construction in bushfire prone areas** - Protection — residential buildings

## 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. This certificate covers the assessment of ALPOLIC™/FR product only, excluding the installation and fixing.
2. The structural, fire resistance level (FRL) and weatherproofing properties of the ALPOLIC™/FR have not been assessed.
3. For Class 2 to 9 Buildings ALPOLIC™/FR is suitable for use only on Type C construction.
4. The ALPOLIC™/FR can be used on walls required to have an FRL provided the method of attachment does not reduce the FRL of the building element to which it is attached below that required by the BCA.
5. The ALPOLIC™/FR panel is suitable for use on an external wall in bushfire prone areas on buildings in areas up to and including BAL 19, provided that the product is not used below 400mm from the ground, or less than 400mm above decks, carport roofs, awnings and similar elements or fittings as described in AS 3959-2018 (+A2-2020) Clause 6.4.
6. In NSW, ALPOLIC™/FR 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, up to and including Bushfire Attack Level BAL-19, except as amended by Planning for Bush Fire Protection.
  - 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.
7. In VIC, ALPOLIC™/FR is suitable for use on Class 9(a) healthcare buildings, Class 9(b) early childhood or school buildings, Class 9(c) residential care buildings or Class 4 parts of buildings associated with the preceding classifications located in an area subject to a Bushfire Attack Level (BAL) not exceeding BAL-12.5 determined in accordance with AS 3959:2018.
8. In QLD, ALPOLIC™/FR is suitable for use on Class 1 buildings or associated Class 10a buildings, when constructed in accordance with AS 3959:2018, up to and including BAL-19.
9. In SA, ALPOLIC™/FR is suitable for use on Class 1 buildings or associated Class 10a buildings, when constructed in accordance with AS 3959:2018, up to and including BAL-19.
10. The ALPOLIC™/FR panel is not suitable for use on roofs in bushfire prone areas.

### Building classification/s:

Volume 1 – Class 2 to Class 9 buildings  
 Volume 2 – Class 1 and Class 10a 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](http://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.

## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

Refer to Page 1 of this certificate.

### A2 Description of product

Refer to Page 1 of this certificate.

### A3 Product specification

- Product dimension
  - Panel thickness: 4mm
  - Panel size (width): 965, 1270 and 1575mm
  - Panel size (length): less than 7200mm
- Product tolerance
  - Width:  $\pm 2.0\text{mm}$
  - Length:  $\pm 1.0\text{mm/m}$
  - Thickness:  $\pm 0.2\text{mm}$
  - Bow: Maximum 0.5% (5mm/m) of the length or width.
  - Squareness: Maximum 5.0 mm.
- Fire hazard properties - group number – **Group 2**

### A4 Manufacturer and manufacturing plant(s)

Mitsubishi Chemical Infratec Co. Ltd, 2471-1, Fujiyama, Ueda, Nagano, 386-1212, Japan.

### A5 Installation requirements

Refer to Page 2 of this certificate and the following;

- This certificate covers the assessment of ALPOLIC™/FR panel product ONLY, excluding the installation of the product.

### A6 Other relevant technical data

- None

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2022. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. **Labelling of aluminium composite panels assessment:**

- A2G3(2)(a) / A5G3(1)(f) – Another form of documentary evidence – Documented evidence of compliance to Standards Australia Technical Specification SA TS 5367

2. **Fire Hazard Properties assessment:**

- A2G3(2)(a) / A5G3(1)(d) - A report issued by an Accredited Testing Laboratory - Warringtonfire (NATA accreditation No. 3277)

3. **Construction in bushfire prone areas assessment:**

- A2G3(2)(a) / A5G3(1)(f) – Another form of documentary evidence – Australian standard AS 3959:2018

### B2 Reports

Evaluation methods	Related Supporting Evidence as listed below
Labelling of aluminium composite panels	-
Fire Hazard Properties	1
Construction in bushfire prone areas	-

1. **Warringtonfire, Reaction to fire test report, Job No. RTF210088 Rev 1.0 (dated 20 May 2021).** *This report provides the Group Number assessment of 4.0mm ALPOLIC FR when tested in accordance with AS ISO 9705-2003 (R2016) and AS 5637.1-2015 and confirms that the product achieves a Group 2 rating and a SMOGRA<sub>RC</sub> of 4.4m<sup>2</sup>/s<sup>2</sup> x 1000.*