

# MULFORD NEW ZEALAND ALIBUILD A2 PLUS

## PURPOSE

Alibuild A2 Plus is supplied by Mulford New Zealand to be designed, fabricated and incorporated, as part of an external wall cladding system.

## EXPLANATION

Alibuild A2 Plus is a fire-resistant aluminium composite material. It comprises a 4 mm mineral fire-resistant core, sandwiched between two layers of 0.5 mm thick aluminium. The aluminium sheets are made from 3000 or 5000 series aluminium alloy. Alibuild A2 Plus is coated with a PVDF or NANO PVDF coating. The mineral core has been tested by BRANZ to ISO 5660: 2006.

## SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<p><b>Location</b></p> <p>On all building sites.</p> <p>On all building heights.</p> <p>On buildings with importance level of, up to and including, importance level 4.</p>	
<p><b>Building</b></p> <p>On primary structure that complies with the building code or where the designer/installer have established that the existing building is suitable for the intended building work.</p>	

## CONDITIONS OF USE

The design and specification of the external cladding is the responsibility of the designer and installer. Where Fire Resistance rating (FRR) is required this is subject to specific fire design.



### USEFUL INFORMATION

For information on Alibuild A2 Plus and our warranty refer to [www.eboss.co.nz](http://www.eboss.co.nz)

### OTHER CERTIFICATIONS AND APPROVALS HELD BY MULFORD NEW ZEALAND

➤ CodeMark Certificate GM-CM30098 – Rev A

For further assistance please contact:

☎ 021 525 449


✉ [Steve.Foley@mulford.co.nz](mailto:Steve.Foley@mulford.co.nz)

🌐 [www.mulfordplastics.co.nz](http://www.mulfordplastics.co.nz)



## PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Mulford New Zealand's requirements, Alibuild A2 Plus will comply with or contribute to compliance with the following performance claims:

N.Z. Building Code clauses	BASIS OF COMPLIANCE <sup>1</sup>	
	Compliance statement	Demonstrated by
<b>B1 Structure</b> B1.3.1, B1.3.2, B1.3.3 (a).	 CodeMark Certification GM-CM30098 – Rev A	CodeMark certificate issued by Global – Mark. Global – Mark is an accredited product certification body under section 263 of the Building Act 2004.
<b>B2 Durability</b> B2.3.1 (b).		
<b>C3 Fire affecting areas beyond the source</b> C3.5, C3.7 (b, c).		
<b>E2 External moisture</b> E2.3.2.		
<b>F2 Hazardous Building Materials</b> F2.3.1.		

1. The Compliance Statement is the pass holder's statement that they have met their obligations under s14G(2) of the Building Act 2004.

## BASIS OF CERTIFICATION

### TECHNICAL

- GB/T 17748:2008 Aluminium Plastic Composite Panel for Curtain Wall.
- PPG Coatings DURANAR South Florida Exposure Data, July 2008.
- DURANAR Coatings PPG Coil Coatings, product data sheet, February 2009.
- BRANZ type test FH 6042- TT [2016] dated 30 November 2016.
- GB 8624-2012 Classification for Burning Behaviour of Building Materials and Products.
- GB/T 5464-2010/ ISO 1182:2002 Non-combustibility Test Method for Building Materials.
- GB/T 14-402-2007/ ISO 1716:2002 Reaction to Fire Tests for Building Materials and Products – Determination of the Heat of Combustion.
- GB/T 20284:2006 Single Burning Item Test for Building Materials and Products.

### QUALITY

- Global-Mark audit of Mulford New Zealand's facility.
- Global-Mark review and audit of Mulford New Zealand's Quality Plan.

### BUILDABILITY

- Global-Mark site audits.



VERSION:

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Note: Uncontrolled in printed format.

NAME:

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POSITION:

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DATE:

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Steve Foley

General Manager NZ

Signed on behalf of Mulford New Zealand:

By signing this pass™ the signatory confirms that, in respect of the subject of this pass™, the company has met their s14G obligations under the Building Act 2004.



5 Arthur Brown Place, Mt Wellington, Auckland > Steve.Foley@mulford.co.nz > 021 525 449 > [www.mulfordplastics.co.nz](http://www.mulfordplastics.co.nz)

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