

ALIWOOD CLIP-ON SCREENS

PURPOSE

AliWood Clip-on Screens (AliWood Screens) are supplied by The Building Agency Ltd for use as a screen system, to be designed and incorporated, as part of an external wall cladding system.

EXPLANATION

AliWood Screens are fire-resistant, wood-look, powder-coated extruded Alloy 6063 aluminium profile system, with material properties in accordance in AS/NZS 1866:1997.

The panels are supplied with a backing plate which is attached to the primary structure. The panel then clips to this plate.

The panel sizes are as follows

- Length (mm) 5400
- Thickness x width (mm) 50 x 50, 100 x 50, 150 x 50, 30 x 30, 70 x 30.

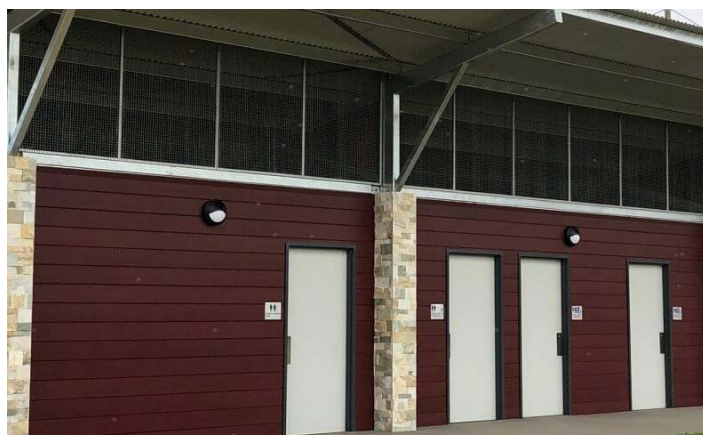
SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<p>Location</p> <p>In all wind zones up to and including very high as defined in NZS 3604:2011, or to a maximum design wind pressure (ULS) of 2.1 kPa.</p> <p>In all exposure zones as defined in NZS 3604:2011.</p> <p>Any proximity to a relevant boundary.</p>	<ul style="list-style-type: none"> ➤ Fixings to the primary structure are subject to specific engineering. ➤ Where adverse microclimatic conditions apply, contact The Building Agency for technical advice.
<p>Building</p> <p>In conjunction with a primary structure that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work.</p>	



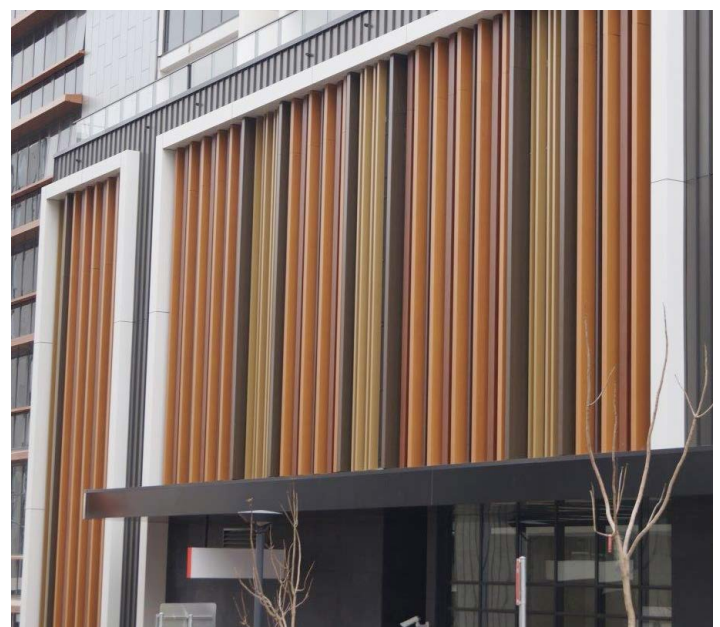
For further assistance please contact:

- ☎ 09 415 2669
- ✉ info@thebuildingagency.co.nz
- 🌐 www.thebuildingagency.co.nz



USEFUL INFORMATION

For information on the design, installation and maintenance of AliWood Screens and for our warranty refer to www.buildingagency.co.nz.



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all The Building Agency Ltd requirements, AliWood will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement ¹	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, f, h, j, q), B1.3.4 (a, b, c, d, e).	VERIFICATION METHOD B1/VM1	> Expert assessment that system complies with AS 1664.2:1997, cited in AS 1664.1:1997, and AS/NZS 1170.2:2011; cited in B1/VM1 [Deacon Engineers, 30/11/2017, and 13/9/18].
B2 Durability B2.3.1 (b)	ALTERNATIVE SOLUTION	> Material is Alloy 6063 to AS/NZS 1866:1997 [Aliwood, n.d.]
C3 Fire affecting areas beyond the fire source C3.4(a), C3.5, C3.7(a)	ACCEPTABLE SOLUTION C/AS1, C/AS2 1 st edition June 2019 VERIFICATION METHOD C/VM2	> Material group 1 in accordance with AS/NZS 3837. Tested by CSIRO, accredited by NATA [CSIRO, 20/12/2017]. > Non-combustible in accordance with AS 1530.1:1994. Tested by Exova Warringtonfire, accredited by UKAS [Exova Warringtonfire, 19/06/2018]. > Ignitability 0, spread of flame 0, smoke developed 1 in accordance with AS/NZS 1530.3:1999. Tested by CSIRO, accredited by NATA [CSIRO, 30/01/2018].
F2 Hazardous building materials F2.3.1	ALTERNATIVE SOLUTION	> Material is Alloy 6063 to AS/NZS 1866:1997 [Aliwood, n.d.]

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

SOURCES OF INFORMATION²

- > AliWood. (n.d.). *AliWood Fact Sheet*.
- > CSIRO. (20/12/2017). *Certificate of Assessment No 2471*.
- > CSIRO. (30/01/2018). *AS/NZS 1530.3:1999 Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release*. Certificate of Test. Report No FNE12072.
- > Deacon Engineers. (30/11/2017). *Design verification statement*.
- > Deacon Engineers. (13/09/2018). *Design verification statement*.
- > Exova Warringtonfire. (19/06/2018). *EWFA Test Report No. 51527800.1*.

2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.

Scan or click this QR code for a full download of Compliance Documentation for this pass™.
www.thebuildingagency.co.nz



NAME: Ben Heald

POSITION: Director

DATE OF FIRST ISSUE:

DATE OF NEXT ASSURANCE:

Signed on behalf of The Building Agency Ltd:

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.



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VERSION:

Uncontrolled in printed format