

SUMMERMORE Pty Ltd ABN 42 108 898 433

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Thursday, 18 July 2024

Urbanline Architectural
Modinex Group
150 Toongarra Rd,
Ipswich,
QLD, 4305

**GENERIC STRUCTURAL DESIGN CERTIFICATION (24-19107)
ALU-SELEKTA CLADDING BATTEN SPACING/FIXING TABLES**

We, Summermore Pty Ltd, being Registered Structural and Civil Engineers, hereby certify the design of the Urbanline Alu-Selekta Cladding with Batten Spacing/Fixing Spacing in accordance with the Provided Span Tables and that it has been designed in accordance with widely accepted engineering principles and the referenced codes of practice.

Reference Codes of Practice and Manuals

AS/NZS 1170.0:2002	Structural Design Actions—General Principles
AS/NZS 1170.1:2002	Structural Design Actions—Permanent, Imposed & Other Actions
AS/NZS 1170.2:2021	Structural Design Actions—Wind Actions
AS/NZS 1664.1:1997	Aluminium Structures - Limit State Design
AS 1562.1:2018	Design and Installation of Sheet Roof and Wall Cladding - Metal

Reference Design Documents

Alu-Selekta Cladding Maximum Batten Spacing/Fixing Spacing Span Tables (8 Sheets)

This certification is limited to the documentation supplied and compliance with the requirements of the published codes of practice listed and should not be used for any other purpose. Summermore Pty Ltd accepts no responsibility for information that has not been expressly identified as part of this assessment. This assessment can only be relied upon by the addressee and cannot be relied upon by any third party. Summermore Pty Ltd accepts no responsibility for any third party that seeks to rely upon this assessment.

If we can be of any further assistance in this matter, please do not hesitate to contact this office.

Yours Faithfully

Ronald Bell
FIEAust (891940), CPEng, NER, APEC Engineer, IntPE(Aus), Registered Engineer Structural NSW (BDC04601).
Director
Summermore Pty Ltd

This Certificate Expires on 01st May 2025.





This form is to be used by an appointed competent person for the purposes of section 10 of the Building Act 1975 and sections 73 and 77 of the Building Regulation 2021 (Design-specification certificate) stating that an aspect of building work or specification will, if installed or carried out as stated in this form, comply with the building assessment provisions.

Additional explanatory information is included in the Appendix at the end of this form.

1. Property description

This section need only be completed if details of street address and property description are applicable.

E.g. in the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.

The description must identify all land the subject of the application.

The lot and plan details (e.g. SP/RP) are shown on title documents or a rates notice.

If the plan is not registered by title, provide previous lot and plan details.

Form fields for Street address, Suburb/locality, State, and Postcode.

Form field for Lot and plan details (attach list if necessary).

Form field for Local government area the land is situated in.

2. Description of aspect/s certified

Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.

Text describing the extent of work covered by the certificate.

3. Basis of certification

Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications were relied upon.

List of standards and regulations relied upon for certification.

4. Reference documentation

Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

Reference to Alu-Selekta Cladding Batten Spacing/Fixing Spacing Span Tables (8 Pages).

5. Building certifier reference number and building development approval number

Building certifier reference number		Building development application number (if available)	
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6. Appointed competent person details

Under Part 6 of the Building Regulation a person must be assessed as a competent for the type of work (design-specification) by the relevant building certifier.

Name (in full)	Ronald Albert BELL		
Company name (if applicable)	Summermore Pty Ltd		
Contact person	Ron Bell		
Business phone number	0738000973	Mobile	0438288116
Email address	ron@summermore.com.au		
Postal address	PO Box 1671 Browns Plains, QLD, 4188.		
		Suburb/locality	
State	Choose an item.	Postcode	
Licence class or registration type (if applicable)	RPEQ		
Licence or registration number (if applicable)	6715		

9. Signature of appointed competent person

This certificate must be signed by the individual assessed and appointed by the building certifier as competent to give design-specification help.

Signature	 <p>Ronald A. Bell Registered Professional Engineer Grad Cert (Tech Mgt), BEng Civil (Hons), FIEAust (891940), CPEng, NER, APEC Engineer, IntPE(Aus). 18JUL2024 Signed RPEQ (6715), RPE(Vic) (PE0002564), RBP(Tas)(CC5556), RES NSW (BDC04601), MAIB (9225), JP(Qual). STRUCTURAL DETAILS CONCURRED</p>	Date	Thursday, 18 July 2024 This certification expires on 01MAY2025
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LOCAL GOVERNMENT USE ONLY

Date received	Click or tap to enter a date.	Reference number/s	
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Building Act 1993
Section 238(1)(a)
Building Regulations 2018
Regulation 126

GENERIC CERTIFICATE OF COMPLIANCE FOR PROPOSED BUILDING WORK

This certificate is issued to:

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

THE STATE OF VICTORIA

Nature of proposed building work

Construction of a new Urbanline Alu-Selekta Cladding in accordance with the Alu-Selekta Cladding Batten Spacing/Fixing Tables.
Version of BCA applicable to certificate - 2022

Building classification

Building – Class - Various

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 that is certified by this certificate

Document no.	Document date	Type of document	Number of pages	Prepared by
19-19107 Alu-Selekta Cladding Batten Spacing/Fixing Tables	11 JULY 2019	Alu-Selekta Cladding Batten Spacing/Fixing Tables	8	RAB

***Performance solution**

A performance solution forms part of the design certified by this certificate. The performance solution complies with the following performance requirements of the NCC

Relevant performance requirement	Details of Performance Solution Required by Regulation 124
BCA 2022 Vol 2 H1P1.	Assessment method A5G3(e) Testing and Computations from a registered civil engineer. Regulation 126 certificate of compliance for proposed building work from a registered engineer.

The design certified by this certificate complies with the following provisions of the Building Act 1993, Building Regulations 2018 or Nation Construction Code.

Act, Regulation or NCC	Section, Regulation, Part, Performance Requirement or Other Provision
AS/NZS1170.0:2002	Structural Design Actions—General Principles
AS/NZS1170.1: 2002	Structural Design Actions—Permanent, Imposed & Other Actions
AS/NZS1170.2:2021	Structural Design Actions—Wind Actions
AS/NZS1664.1:1997	Aluminium Structures – Limit State Design
AS 1562.1:2018	Design and Installation of Sheet Roof and Wall Cladding - Metal

*I prepared the design, or part of the design, set out in the documents listed above.

I certify that the design set out in the documents listed above complies with the provisions set out above.

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: Ronald Albert BELL

Address: PO Box 1671, Browns Plains, QLD, 4118.

Email: ron@summermore.com.au

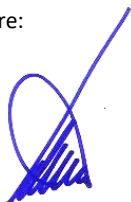
Endorsed building engineer area of engineering: Structural / Civil

Endorsed building engineer registration no.: PE0002564

Date of issue of certificate: 07 October 2022

This Certification Expires on 01 May 2025

Signature:



CERTIFICATE OF THE RESPONSIBLE DESIGNER

Section 94
Section 106
Section 129
Section 155

Form **35**

To: Owner name
 Address
 Suburb/postcode

Designer details:

Name: Category:
 Business name: Phone No:
 Business address:
 Fax No:
 Licence No: Email address:

Details of the proposed work:

Owner/Applicant Designer's project reference No.
 Address: Lot No:

 Type of work: Building work Plumbing work (X all applicable)

Description of work:
 Construction of a new Urbanline Alu-Selekta Cladding in accordance with the Batten Spacing/Fixing Spacing Tables.
(new building / alteration / addition / repair / removal / re-erection / water / sewerage / stormwater / on-site wastewater management system / backflow prevention / other)

Description of the Design Work (Scope, limitations or exclusions): (X all applicable certificates)

Certificate Type:	Certificate	Responsible Practitioner
	<input type="checkbox"/> Building design	Architect or Building Services Designer
	<input checked="" type="checkbox"/> Structural design	Structural Engineer
	<input type="checkbox"/> Fire Safety design	Fire Engineer
	<input type="checkbox"/> Civil design	Civil Engineer
	<input type="checkbox"/> Hydraulic design	Building Services Designer
	<input type="checkbox"/> Fire service design	Building Services Designer
	<input type="checkbox"/> Electrical design	Building Services Designer
	<input type="checkbox"/> Mechanical design	Building Service Designer
	<input type="checkbox"/> Plumbing design	Plumber
	<input type="checkbox"/> Other (specify)	

Deemed-to-Satisfy: Performance Solution: (X the appropriate box)

Other details:
 Construction of a new Urbanline Alu-Selekta Cladding in accordance with the Batten Spacing/Fixing Spacing Tables for the State of Tasmania

Design documents provided:

The following documents are provided with this Certificate –

Document description:

Drawing numbers:	Prepared by:	Date:
Alu-Selekta Cladding Batten Spacing/Fixing Tables	RAB	11 JULY 2019
Schedules:	Prepared by:	Date:
Specifications:	Prepared by:	Date:
Computations:	Prepared by:	Date:
Performance solution proposals:	Prepared by:	Date:
Test reports:	Prepared by:	Date:

Standards, codes or guidelines relied on in design process:	
National Construction Code of Australia 2019 AS/NZS1170.0:2002 Structural Design Actions—General Principles AS/NZS1170.1:2002 Structural Design Actions—Permanent, Imposed & Other Actions AS/NZS1170.2:2021 Structural Design Actions—Wind Actions AS/NZS1664.1:1997 Aluminium Structures – Limit State Design AS/NZS1664.2:1997 Aluminium Structures – Allowable Stress Design AS 1562.1:2018 Design and Installation of Sheet Roof and Wall Cladding - Metal	

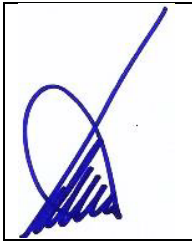
Any other relevant documentation:

Attribution as designer:	
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I, Ronald Albert BELL am responsible for the design of that part of the work as described in this certificate;

The documentation relating to the design includes sufficient information for the assessment of the work in accordance with the *Building Act 2016* and sufficient detail for the builder or plumber to carry out the work in accordance with the documents and the Act;

This certificate confirms compliance and is evidence of suitability of this design with the requirements of the National Construction Code.

	<i>Name: (print)</i>	<i>Signed</i>	<i>Date</i>
Designer:	Ronald Albert BELL		18 July 2024 This certificate expires on 01 MAY 2025
Licence No:	CC5556		

Assessment of Certifiable Works: (TasWater)	
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Note: single residential dwellings and outbuildings on a lot with an existing sewer connection are not considered to increase demand and are not certifiable.

If you cannot check ALL of these boxes, LEAVE THIS SECTION BLANK.

TasWater must then be contacted to determine if the proposed works are Certifiable Works.

I confirm that the proposed works are not Certifiable Works, in accordance with the Guidelines for TasWater CCW Assessments, by virtue that all of the following are satisfied:

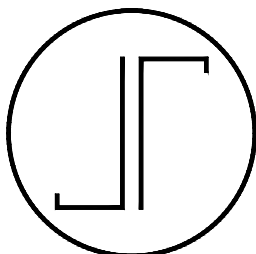
- The works will not increase the demand for water supplied by TasWater
- The works will not increase or decrease the amount of sewage or toxins that is to be removed by, or discharged into, TasWater's sewerage infrastructure
- The works will not require a new connection, or a modification to an existing connection, to be made to TasWater's infrastructure
- The works will not damage or interfere with TasWater's works
- The works will not adversely affect TasWater's operations
- The work are not within 2m of TasWater's infrastructure and are outside any TasWater easement
- I have checked the LISTMap to confirm the location of TasWater infrastructure
- If the property is connected to TasWater's water system, a water meter is in place, or has been applied for to TasWater.

Certification:

I being responsible for the proposed work, am satisfied that the works described above are not Certifiable Works, as defined within the *Water and Sewerage Industry Act 2008*, that I have answered the above questions with all due diligence and have read and understood the Guidelines for TasWater CCW Assessments.

Note: the Guidelines for TasWater Certification of Certifiable Works Assessments are available at: www.taswater.com.au

	<i>Name: (print)</i>	<i>Signed</i>	<i>Date</i>
Designer:	<input type="text"/>	<input type="text"/>	<input type="text"/>



SUMMERMORE Pty Ltd ABN 42 108 898 433
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Thursday, 11 July 2019

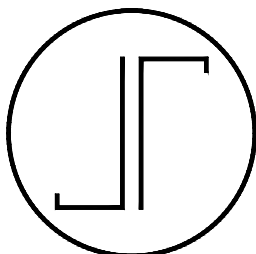
Urbanline Architectural
Modinex Group
150 Toongarra Rd,
Ipswich,
QLD, 4305

ALU-SELEKTA CLADDING MAXIMUM BATTEN SPACING / FIXING SPACING TABLES - (19-19107)

The following tables are to be used in conjunction with Urbanline Alu Seleakta Cladding Installation instructions and the following Notes.

General Notes:

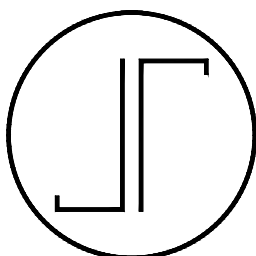
1. The provided span tables are only suitable for the Urbanline Alu-Seleakta Cladding Profile. The Profile is to be manufactured from 6063-T5 Grade Aluminium material.
2. The following tables are based upon the following assumptions regarding the calculations of the Site Wind Speed in accordance with AS/NZS1170.2:2021;
 - $M_s=1.0$
 - $M_t=1.0$
3. If there is uncertainty with regards to the Importance Level of the Structure the Urbanline Alu-Seleakta Cladding profile is being fixed to, written confirmation of the Importance Level should be sought from a Registered Professional Engineer or Building Certifier/Surveyor.
4. If there is uncertainty with regards to the Wind Region or Terrain Category advice should be sought from a Registered Professional Engineer or Building Certifier/Surveyor.
5. The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.
6. The Sub-Structure battens are to be a minimum of 0.9mm G550 Material. The fixing requirements of the support battens to the sub-structure to be determined by others.
7. The fixing of the Urbanline Alu-Seleakta Cladding Profile to the Sub-Structure battens is to be achieved with a minimum of an 8-18x16 Metal Self Tapping Screw. (Screws head must be a minimum of 8mm in diameter).



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Importance Level 3 Structure – Wind Region C.....	8

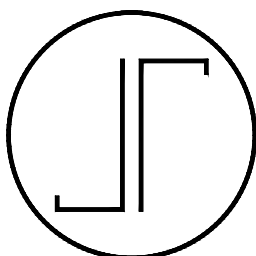


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Importance Level 2 Structure – Wind Region A

Importance Level 2 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	KI = General Zones KI=1.5	KI = Edge Zones KI=2.0	KI = Corner Zones KI=3.0
A	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

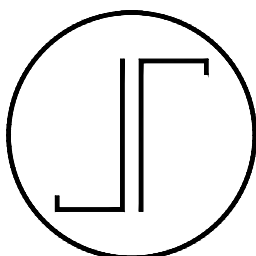


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Importance Level 2 Structure – Wind Region B

Importance Level 2 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	KI = General Zones KI=1.5	KI = Edge Zones KI=2.0	KI = Corner Zones KI=3.0
B	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

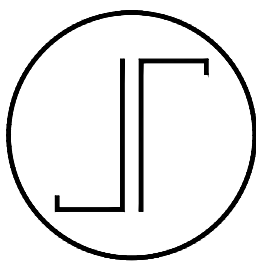


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Importance Level 2 Structure – Wind Region C

Importance Level 2 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	KI = General Zones KI=1.5	KI = Edge Zones KI=2.0	KI = Corner Zones KI=3.0
C	1	0-5	625	625	625
		5-10	625	625	612
		10-25	625	625	569
		25-40	625	625	553
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	623
		25-40	625	625	591
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	623
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

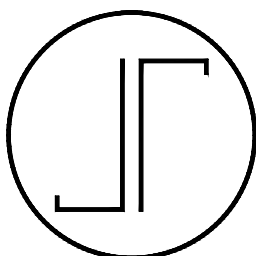


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Importance Level 3 Structure – Wind Region A

Importance Level 3 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	KI = General Zones KI=1.5	KI = Edge Zones KI=2.0	KI = Corner Zones KI=3.0
A	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.

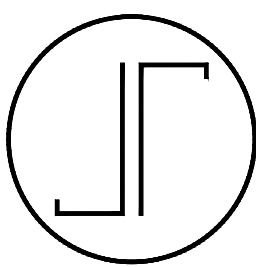


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Importance Level 3 Structure – Wind Region B

Importance Level 3 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	KI = General Zones KI=1.5	KI = Edge Zones KI=2.0	KI = Corner Zones KI=3.0
B	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.



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Importance Level 3 Structure – Wind Region C

Importance Level 3 Structures			Maximum Batten Spacing/Fixing Spacing (mm)		
Wind Region	Terrain Category	Cladding Installation Height (m)	KI = General Zones KI=1.5	KI = Edge Zones KI=2.0	KI = Corner Zones KI=3.0
C	1	0-5	625	625	580
		5-10	625	625	544
		10-25	625	625	506
		25-40	625	625	491
	2	0-5	625	625	625
		5-10	625	625	609
		10-25	625	625	554
		25-40	625	625	525
	2.5	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	589
		25-40	625	625	554
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	586

Notes: The Building Design Engineer is to provide the design zones relating to Local Pressure requirements of AS/NZS 1170.2:2021 CL5.4.4.