

10th September 2026

Modinex
Level 7, Springfield Tower,
145 Sinnathamby Blvd
Springfield Central QLD 4300

MODINEX ALU SELEKTA CHANNEL CLADDING – Maximum Cladding Span / Fixing Spacing Tables
Version 1 – September 2026

The following tables are to be used in conjunction with the *Modinex Alu Selekt Installation Guide* and the following notes.

General Notes

1. The cladding profile is to be manufactured from 6063-T5 grade aluminium complying with AS 1866:2026.
2. The following tables are based upon the following assumptions regarding the calculations of the site wind speed in accordance with AS/NZS 1170.2:2021;
 - $M_s = 1.0$ (shielding multiplier)
 - $M_t = 1.0$ (topographic multiplier) – assuming flat surrounding topography
3. If there is uncertainty with regards to the building Importance Level, wind region, or terrain or topographic effects, advice should be sought from a Registered Professional Engineer or the Building Certifier.
4. The system must be installed with an internal airseal barrier (e.g. sarking or RAB board) which is designed and installed to resist the full internal pressure.

Note: limited testing of these products to resist substantial pressures is available, but it is suggested that sarking (flexible membrane type materials) should not be used in cyclonic wind regions due to the high internal pressures which can result in high wind events – in which case, RAB board products will likely be required.

5. The building design engineer is to provide the design zones relating to local pressure requirements of AS/NZS 1170.2:2021 Clause 5.4.4.
6. The following tables apply only to the use of the cladding in the vertical orientation (i.e. on walls of enclosed buildings). Specific design advice shall be sought for use in soffits, ceilings, roofs, free roofs, barriers or hoardings.
7. The support battens are to be either:
 - minimum 0.9 mm, grade G2 steel ($f_u \geq 330$ MPa) complying with AS 1397
 - minimum 2.0 mm, grade 6063-T5 aluminium ($f_u \geq 150$ MPa) complying with AS 1866
 - minimum 0.9 mm, grade 304 or 316 stainless steel ($f_u \geq 515$ MPa) complying with ASTM A240 and/or AS 1449The span and fixing requirements of the support battens to the supporting structure is to be determined by others.
8. The fixing of the Modinex Alu Selekt cladding profile to the sub-structure is to be achieved with either:
 - a minimum of an 8-18x16 class 4 (AS 3566.2:2002) metal self-tapping screw
 - a minimum of an 8-18x16 grade 304 stainless steel self-tapping screw

Screws head must be of hexagon washer head or cross recessed wafer head type complying with AS 3566.1:2002, or cross-recessed pan head type complying with AS/NZS 4406:2015. The screw head is to not be less than 8mm in diameter.

9. The selection of support batten and screw type shall take into consideration the requirements of the project, and conditions of the area where the cladding is being installed, with due consideration made to exposure to corrosive

environments or corrosive chemicals, ease of inspection, cleaning and maintenance, and the proposed design life of the cladding.

10. The maximum cantilever of the cladding profile from the nearest fixing point shall not exceed 50% of the length of the supporting back span.
11. The structural adequacy of the elements in the system is dependent on the elements being suitably maintained as designed throughout their design life.
12. These span tables are valid for approvals submitted on or before 30th June 2027.

Please contact us should you require any further information.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'M. McPherson', with a long horizontal stroke extending to the right.

Mitchell McPherson
Principal Engineer
Greg Killen Consulting Engineers

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Importance Level 2 Structures – Wind Regions A1 to A5

Importance Level 2 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	$K_L = 1.5$ (general zones)	$K_L = 2.0$ (edge zones)	$K_L = 3.0$ (edge zones)
A1 to A5	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	613
	2	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
	4	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

Importance Level 2 Structures – Wind Region B1

Importance Level 2 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	$K_L = 1.5$ (general zones)	$K_L = 2.0$ (edge zones)	$K_L = 3.0$ (edge zones)
B1	1	0-5	625	625	608
		5-10	625	625	531
		10-25	625	625	460
		25-40	625	625	423
	2	0-5	625	625	625
		5-10	625	625	620
		10-25	625	625	512
		25-40	625	625	460
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	579
		25-40	625	625	512
	4	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	573

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

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Importance Level 2 Structures – Wind Region B2

Importance Level 2 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	K _L = 1.5 (general zones)	K _L = 2.0 (edge zones)	K _L = 3.0 (edge zones)
B2	1	0-5	625	625	497
		5-10	625	625	435
		10-25	625	566	377
		25-40	563	520	346
	2	0-5	625	625	613
		5-10	625	625	507
		10-25	625	625	419
		25-40	613	566	377
	3	0-5	625	625	625
		5-10	625	625	599
		10-25	625	625	474
		25-40	625	625	419
	4	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	539
		25-40	625	625	469

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

Importance Level 2 Structures – Wind Region C

Importance Level 2 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	$K_L = 1.5$ (general zones)	$K_L = 2.0$ (edge zones)	$K_L = 3.0$ (edge zones)
C	1	0-5	625	556	371
		5-10	603	487	324
		10-25	622	422	281
		25-40	420	388	258
	2	0-5	625	625	457
		5-10	625	568	378
		10-25	581	469	313
		25-40	457	422	281
	3	0-5	625	625	500
		5-10	625	625	447
		10-25	625	530	353
		25-40	508	469	313
	4	0-5	625	625	549
		5-10	625	625	549
		10-25	625	603	402
		25-40	569	525	350

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

Importance Level 3 Structures – Wind Regions A1 to A5

Importance Level 3 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	$K_L = 1.5$ (general zones)	$K_L = 2.0$ (edge zones)	$K_L = 3.0$ (edge zones)
A1 to A5	1	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	587
	2	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
	4	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	625
		25-40	625	625	625

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Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

Importance Level 3 Structures – Wind Region B1

Importance Level 3 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	K _L = 1.5 (general zones)	K _L = 2.0 (edge zones)	K _L = 3.0 (edge zones)
B1	1	0-5	625	625	548
		5-10	625	625	479
		10-25	625	624	416
		25-40	621	573	382
	2	0-5	625	625	625
		5-10	625	625	559
		10-25	625	625	462
		25-40	625	624	416
	3	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	522
		25-40	625	625	462
	4	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	595
		25-40	625	625	517

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

Importance Level 3 Structures – Wind Region B2

Importance Level 3 Structures			Maximum batten spacing / fixing spacing (mm)		
Wind Region	Terrain Category	Cladding installation height (m)	$K_L = 1.5$ (general zones)	$K_L = 2.0$ (edge zones)	$K_L = 3.0$ (edge zones)
B2	1	0-5	625	625	449
		5-10	625	589	392
		10-25	625	510	340
		25-40	508	469	313
	2	0-5	625	625	553
		5-10	625	625	458
		10-25	625	568	378
		25-40	553	510	340
	3	0-5	625	625	605
		5-10	625	625	541
		10-25	625	625	427
		25-40	615	568	378
	4	0-5	625	625	625
		5-10	625	625	625
		10-25	625	625	487
		25-40	625	625	423

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

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)	K _L = 1.5 (general zones)	K _L = 2.0 (edge zones)	K _L = 3.0 (edge zones)
C	1	0-5	612	495	330
		5-10	536	432	288
		10-25	464	375	250
		25-40	373	344	229
	2	0-5	625	609	406
		5-10	625	505	336
		10-25	516	417	278
		25-40	406	375	250
	3	0-5	625	625	444
		5-10	625	596	397
		10-25	583	471	314
		25-40	452	417	278
	4	0-5	625	625	488
		5-10	625	625	488
		10-25	625	536	357
		25-40	505	466	311

Note 1: These tables are to be read in conjunction with the General Notes on page 1 of this document.

Note 2: These span tables are valid for approvals submitted on or before 30th June 2027.

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.

Street address	XX		
XX	Suburb/locality	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
State	QLD	Postcode	XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Lot and plan details (*attach list if necessary*)

XX

Local government area the land is situated in

XX

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.

Summermore Pty Ltd confirm that we have designed Urbanline Alu-Selekta Cladding as detailed on the attached drawings with Batten Spacing/Fixing Spacing in Accordance with Provided Span Tables and that it complies with the following provisions of the Regulations:

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.

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/NZS 1664.1:1997 Aluminium Structures – Limit State Design
 AS 1562.1:2018 Design and Installation of Sheet Roof and Wall Cladding - Metal

4. Reference documentation

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

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)	Summertime Pty Ltd		
Contact person	Ron Bell		
Business phone number	0738000973	Mobile	0438288116
Email address	ron@summertime.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	 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	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 AS/NZS1170.1: 2002 AS/NZS1170.2:2021 AS/NZS1664.1:1997 AS 1562.1:2018	Structural Design Actions—General Principles Structural Design Actions—Permanent, Imposed & Other Actions Structural Design Actions—Wind Actions Aluminium Structures – Limit State Design 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

To: Owner name
 Address
 Suburb/postcode

Form **35**

Designer details:

Name: Ronald Albert BELL Category: Structural Engineer
Business name: Summermore Pty Ltd Phone No: 07 3800 0973
Business address: PO Box 1671
 Browns Plains, QLD 4118 Fax No: 07 3800 1860
Licence No: CC5556 Email address: ron@summermore.com.au

Details of the proposed work:

Owner/Applicant XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Designer's project reference No. 19107
Address: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Lot No: XXXXXXXXXX
 XXXXXXXXXXXXXXXXXXXXXXXX XXXX
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
	☐ Building design	Architect or Building Services Designer
	☒ Structural design	Structural Engineer
	☐ Fire Safety design	Fire Engineer
	☐ Civil design	Civil Engineer
	☐ Hydraulic design	Building Services Designer
	☐ Fire service design	Building Services Designer
	☐ Electrical design	Building Services Designer
	☐ Mechanical design	Building Service Designer
	☐ Plumbing design	Plumber
	☐ 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:

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)

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:			