



Certificate of Conformity

Certification Body:



SAI Global Certification Services Pty Limited
 (ACN 108 716 669) Operating as "Intertek & Intertek SAI Global"
 JAS-ANZ Accreditation No. Z1440295AS
 Address: 650 Lorimer Street Port, Melbourne, VIC, 3207 Australia
 Website: www.saiglobal.com

ATLITE

Atlite (Australia) Pty Ltd –
 31-33 Kembla Street,
 Cheltenham, VIC, 3192,
 Australia

<https://www.atlite.com.au/>

SAI Global Certification Services

Calin Moldovean
 President, Business Assurance
 SAI Global Assurance

Harley Parkes – Unrestricted Building Certifier

Certificate number: CM20311

THIS TO CERTIFY THAT

ATLITE Roof Window, ATLITE Energilite and Striplite

Type and/or use of product:

Roof lights for use in domestic, residential, and commercial buildings.

ATLITE Energilite and Striplite - are non-operable roof lights to provide natural light.

ATLITE Roof Window - are operable or non-operable roof lights used to provide natural light and/or ventilation

Description of product:

Aluminium framed Roof lights with select Insulated Glass Units (IGU's) to be installed on site to metal flashing or hobs integrated into the roof covering and roof structure.

ATLITE Energilite and Striplite– Non-Operable Square or Rectangular roof lights.

ATLITE Roof Window – Square or Rectangular operable roof lights with the following options: "Fixed" roof light (non-operable). "Hinged-Manual" and "Hinged-Electric" allows ventilation, systems include opening mechanism.

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

BCA 2019 Amdt 1

	Volume One		Volume Two	
Performance Requirement(s)	FP1.4	Damp and weatherproofing - Weatherproofing	P2.2.2	Damp and weatherproofing - Weatherproofing
	BP1.1 (b)(ii)(iii)(v)	Structural provisions - Structural reliability- (ii) imposed actions, (iii)wind action (v)snow action;	P2.1.1 (b)(ii)(iii)(v)	Structure - Structural stability and resistance –(i) permanent actions, (ii) imposed actions, (iii)wind action (v)snow action;
Deemed-to-Satisfy Provision(s):	F4.2(a)(ii)–	Light and ventilation - Methods and extent of natural light	3.8.4.2(a)(ii)–	Light – Natural Light
	F4.6(a)*–	Light and ventilation - Natural ventilation *Only applicable to operable Atlite Operable Roof Windows	3.8.5.2(a)–	Ventilation - Ventilation requirements *Only applicable to operable Atlite Operable Roof Windows
	G5.2	Construction in Bushfire Prone Areas – (Up to and including BAL 40)	3.10.5.0	Construction in Bushfire Prone Areas – (Up to and including BAL 40)
	J1.4–	Building fabric - Roof lights	3.12.1.3*–	Energy Efficiency - Roof lights
	contributes to		contributes to	

Date of issue: 25/08/2023

Date of expiry: 24/08/2026



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State or territory variation(s):	Code	Description	Code	Description
	NSW G5.2	Construction in Bushfire Prone Areas – Protection.	NSW-3.10.5.0	Construction in Bushfire Prone Areas
	NSW Section J	Section J is replaced with NSW Section J which consists of two (2) subsections: <ul style="list-style-type: none"> J(A) Energy Efficiency – Class 2 buildings & Class 4 part (BASIX) J(B) Energy Efficiency – Class 3 & Class 5 to 9 buildings 	QLD-3.10.5.0	Construction in Bushfire Prone Areas
	NT Section J	For a Class2 building and a Class4 part of a building, Section J is replaced with Section J of BCA 2009. Section J does not apply to Class 3 and 5-9 buildings.	NSW-3.12	Energy Efficiency In New South Wales, Part 3.12 does not apply. Note: The New South Wales Additions contain energy efficiency measures that apply in New South Wales to support and complement BASIX.
	QLD Section J	In Queensland, for a Class 2 building, Section J is replaced with Section J of BCA 2009	NT-3.12	In the Northern Territory, Part 3.12 is replaced with BCA 2009 Part 3.12.
			SA-3.12	In South Australia, for the purposes of this Part, a sunroom or the like is deemed to be a Class 10a building and must comply with 3.12.1.6.
			QLD 3.12	In Queensland, building work for the energy efficiency of Class 1 buildings is also regulated by the Building Act1975 and the Queensland Development Code MP 4.1—Sustainable buildings.
			ACT-3.12	In the Australian Capital Territory, see the ACT Appendix for further information on application to building work on new buildings and additions to existing buildings in the ACT

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 certification covers the assessment of the product and components only. Installation and flashing to roof structure and coverings is not covered by this certification.
2. This certification does not cover the use of these systems to form an overhead glazed roof, barrel vault, atrium, or conservatory roof.
3. This certificate excludes Atlite Skydoor, Atlite Sliding, Atlite Interlock (Modular).
4. This certificate is for square / rectangular Aluminum Framed skylights with powder coat finish only. Atlite Bespoke skylights including Hexagon, Rhombus, Triangle, Circular skylights and Colorbond or Galvanised finishes are not covered by this certificate.
5. This certificate does not cover the electrical components, opening mechanisms and gas struts.
6. All Atlite Roof lights must be fixed with minimum 10g-16x16mm Screws at maximum 300mm spacing along each side of the product.
7. All Atlite Rooflights cannot be installed at less than a 3 degree roof pitch
8. Atlite Rooflights are suitable for use in bushfire prone areas with a BAL rating up to and including BAL40, when installed on roofs with a pitch of between 18 and 75 degrees.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings
Volume 2 – Class 1 and Class 10a buildings



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9. The type, size, function and glazing requirements of a roof light within a building is to be determined by an appropriately qualified person on a case-by-case scenario in accordance with BCA requirements.
10. All SHGC and U-values provided are for the Total System as noted and must be used in conjunction with the other building elements to achieve the required energy values required by the BCA.
11. Glazing to be designed and installed in accordance with AS1288-2006

*Only Atlite Operable Roof Windows are suitable for providing ventilation in accordance with the requirements of F4.6(a) and 3.8.5.2(a). This (excludes all fixed applications)

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. 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.



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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

- Refer to Page 1 of this certificate and the following:

Standard Sizes	Atlite Roof Window	Atlite Energilite
Rectangular <ul style="list-style-type: none"> 550x800 550x1000* 550x1200 550x1400* 800x1000 800x1200 800x1400 Square <ul style="list-style-type: none"> 550x550 800x800 1000x1000 1200x1200 1400x1400 1600x1600 *can be portrait or landscape orientation	Concentrated actions <ul style="list-style-type: none"> 2.41 kN up to 1200x1200, min. 6TG/12/6L 1.1 kN up to 1600x1600, min. 6TG/10/8.38L Watertightness to AS 2050 Appendix C modified to AS 4285 <ul style="list-style-type: none"> Electric/Manual Openable up to 1600x1600 (with base corner mitre groove sealed) Wind Pressure to AS 4040.2 <ul style="list-style-type: none"> Electric Openable +1.43, -2.21 kPa up to 1600x1600 for 6TG/10/8.38L Manual Openable +1.43, -1.49kPa up to 1600x1600 for 6TG/10/8.38L Energy Efficiency (Total System) <ul style="list-style-type: none"> 1200x1200 LightbridgeSO 6TG/12/6L U=4.33, SHGC=0.538 Bushfire <ul style="list-style-type: none"> BAL-A40, max. 1700x1700, min. 6TG/10/8.38L, fixed or hinged (manual/electric) 	Concentrated actions <ul style="list-style-type: none"> 2.41 kN up to 1200x1200, min. 6TG/12/6L 1.1 kN up to 1600x1600, min. 6TG/10/8.38L Watertightness to AS 2050 Appendix C modified to AS 4285 <ul style="list-style-type: none"> Up to 1600x1600 Wind Pressure to AS 4040.2 <ul style="list-style-type: none"> Test +2.12, -3.25kPa up to 1600x1600for 6TG/10/8.38L Energy Efficiency (Total System) <ul style="list-style-type: none"> 1200x1200 6TG/12/10.38L U=3.85, SHGC=0.589 1200x1200 6TG/12/8.38L U=3.89, SHGC=0.607 1200x1200 6TG/12/6.38L U=3.90, SHGC=0.601 4000x1200 6TG/12/10.38L U=3.33, SHGC=0.615 3500x1000 6TG/12/10.38L U=3.51, SHGC=0.605 Bushfire <ul style="list-style-type: none"> BAL-A40, max. 1700x1700, min. 6TG/10/8.38L, fixed

A4 Manufacturer and manufacturing plant(s)

Atlite (Australia) Pty Ltd – Cheltenham- 31-33 Kembla Street, Cheltenham, VIC, 3192, Australia

A5 Installation requirements

Refer to Page 2 of this certificate and the following;

1. Installed Energilite (Fixed over flashing) - Rev 1 30.07.2022
2. Installed - Roof Window Fixed - Rev 1 30.07.22
3. Installed - Roof Window Manual - Rev 1 -30.07.22
4. Installed - Roof Window Electrical - Rev 1 - 30.07.22

A6 Other relevant technical data

- **Aluminium Extrusions and Assemblies**

1. **ENERGILITE ASSEMBLING GUIDE – Rev 1 – 01/04/2022**
 - a. ATLITE GLAZING FRAME (PART NO. BIG-ELEMF/PC) or (PART NO. SMALL-ELEMF/PC)
 - b. ATLITE CORNER JOINT (PART NO. ARWCJMF)
2. **FIXED ROOF WINDOW ASSEMBLING GUIDE – Rev 1 – 01/04/2022**
 - a. ATLITE GLAZING FRAME (PART NO. ARWTEMF/PC)
 - b. ATLITE BASE FRAME (PART NO. ARWBFP)
 - c. ATLITE CORNER JOINT (PART NO. ARWCJMF)
3. **MANUAL ROOF WINDOW ASSEMBLY GUIDE – Rev 1 – 01/04/2022**
 - a. ATLITE GLAZING FRAME (PART NO. ARWTEMF/PC)
 - b. ATLITE BASE FRAME (PART NO. ARWBFP)
 - c. ATLITE HINGE PROFILE (PART NO. ARWHEMF)
 - d. ATLITE CORNER JOINT (PART NO. ARWCJMF)
4. **ELECTRIC ROOF WINDOW ASSEMBLING GUIDE – Rev 1 – 01/04/2022**
 - a. ATLITE GLAZING FRAME (PART NO. ARWTEMF/PC)
 - b. ATLITE BASE FRAME (PART NO. ARWBFP)
 - c. ATLITE HINGE PROFILE (PART NO. ARWHEMF)
 - d. ATLITE CORNER JOINT (PART NO. ARWCJMF)
 - e. ATLITE CAPPING PROFILE (PART NO. ARWCHMF)
 - f. ATLITE CHANNEL FRAME (PART NO. ARWCPC)

- **Ancillary Components**

1. FA5060 Structural Glazing Tape – Ningbo Sante – 5mm
2. 10x24 x 16mm Wafer Head Climaseal® 3 Self drilling screws
3. AS6-20 – 4.8 x 35.0mm – Aluminium Steel Dome Rivets Blind Rivets
4. ADMIL – Seal-a-Gap- Acrylic Sealant
5. Dowsil TM 983 Structural Glazing Sealant (Base and Catalyst)
6. EDPM Seal 5x9 P/N 65657

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2019 Amdt 1. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. **Structural resistance**

A2.2(2)(a)/A5.2(1)(d) - A report issued by an Accredited Testing Laboratory (Ian Bennie & Associates, NATA Accreditation 2371)

A2.2(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person (Pendyala Consulting & Acronem Consulting Pty Ltd and Acronem Consulting)

2. **Weatherproofing**

A2.2(2)(a)/A5.2(1)(d) - A report issued by an Accredited Testing Laboratory; (Ian Bennie & Associates, NATA Accreditation 2371)

A2.2(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person (Acronem Consulting)

3. **Natural Light**

A2.3(2)(a)/A5.2(1)(f) – Another form of documentary evidence (specification of glazed element)

4. **Natural Ventilation**

A2.3(2)(a)/A5.2(1)(f) – Another form of documentary evidence (specification of openable portion)

5. **Bushfire**

A2.3(2)(a)/A5.2(1)(d) - A report issued by an Accredited Testing Laboratory; (Warringtonfire NATA 3277)

A2.3(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person (Acronem Consulting Pty Ltd)

6. **Energy Efficiency**

A2.3(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person (CMB Management & Acronem Consulting)

B2 Reports

Evaluation methods	Related Supporting Evidence as listed below
Weatherproofing Assessment	2, 3 and 4
Structural Assessment	1, 2, 3, 4, 5, 6, 7, and 12
Resistance to Bushfire Construction assessment	8 and 12
Energy Efficiency	9, 10, 11, and 12

1. **Ian Bennie and Associates, Atlite Energilite and Striplite Fixed Roof Window, Skylight Tests to AS 4285-2007, Test Report No 2016-069-S1 Cyclonic, dated 19 February 2017** - This report provides the results to testing of Atlite Energilite and Striplite Fixed Roof Window to the resistance of Wind Pressure for Cyclone Region test for Skylight assemblies, as nominated in AS4285-2007 Cl. 3.2.2 and determines that the product withstood negative pressures of up to -1.89 kPa before suffering loss to the bond of the glazing seal.
2. **Ian Bennie and Associates, Atlite Energilite and Striplite Fixed Roof Window, Skylight Tests to AS 4285-2007, Test Report No 2016-069-S1, dated 19 February 2017**
This report provides the results to testing of Atlite Energilite and Striplite Fixed Roof Window for watertightness, resistance to concentrated loads, the resistance of Wind Pressure for non-cyclonic Region test for Skylight assemblies, as nominated in AS4285-2007 Cl. 3.2.2 and determines that the product achieved the following results:
 - a. **Watertightness:** Tested to AS2050 Appendix C modified as required by AS4285, achieving a PASS result.
 - b. **Resistance to Concentrated loads:** Tested to AS4040.1 modified as required by AS4285 with 1.1kN central load, achieving a PASS result.
 - c. **Resistance to Wind Pressures for Non-Cyclonic Regions:** Tested to AS4040.2 modified as required by AS4285, with 2.12 kPa and -3.25kPa loads applied and sustained, achieving a PASS result.
3. **Ian Bennie and Associates, Atlite Electric Openable Roof Window, Skylight Tests to AS 4285-2007, Test Report No 2016-069-S2, dated 19 February 2017** - This report provides the results to testing of Atlite Electric Openable Roof Window with Throat Opening 1600 x 1600 mm for watertightness, resistance to concentrated loads, the resistance of Wind Pressure for non-cyclonic Region test for Skylight assemblies, as nominated in AS4285-2007 Cl. 3.3.2 and determines that the product achieved the following results:
 - a. **Watertightness:** Tested to AS2050 Appendix C modified as required by AS4285, achieving a PASS result.
 - b. **Resistance to Concentrated loads:** Tested to AS4040.1 modified as required by AS4285 with 1.1kN central load, achieving a PASS result.
 - c. **Resistance to Wind Pressures for Non-Cyclonic Regions:** Tested to AS4040.2 modified as required by AS4285, with 1.43 kPa and -2.21 kPa loads applied and sustained, achieving a PASS result.
4. **Ian Bennie and Associates, Atlite Manual Cyclonic Openable Roof Window, Skylight Tests to AS 4285-2007, Test Report No 2016-069-S3 Rev A, dated 19 February 2017** - This report provides the results to testing of Atlite Manual Cyclonic Openable Roof Window with 1600x1600 (throat Opening) and 6mm toughened outer/10mm argon gap/8.38 laminated inner glass IGU, for watertightness, and the resistance of Wind Pressure for non-cyclonic Region test for Skylight assemblies, as nominated in AS4285-2007 Cl. 3.3.2 and determines that the product achieved the following results:
 - a. **Watertightness:** Tested to AS2050 Appendix C modified as required by AS4285, achieving a PASS result.
 - b. **Resistance to Wind Pressures for Non-Cyclonic Regions:** Tested to AS4040.2 modified as required by AS4285, with 1.43 kPa and -1.49 kPa loads applied and sustained, achieving a PASS result.
Failure occurred at the glazing seal adhesion at -2.1 kPa
5. **Ian Bennie and Associates, Atlite Roof Window, Skylight Test to AS 4285-2019 Concentrated Load Test, Test Report No. 2022-042-S1, dated 25 May 2022** - This report provides the results to testing of Atlite Roof Window 1200mm x 1200mm for the resistance to concentrated loads for skylight assemblies nominated in Clause 2.2.2.2 of AS 4285-2019 and determines that the product, when tested to AS4040.1 modified as required by AS4285 with 2.41kN central load, achieved a PASS result.

6. **Ian Bennie and Associates, Atlite Energilite, Skylight Test to AS 4285-2019 Concentrated Load Test, Test Report No. 2022-042-S2, dated 25 May 2022** - This report provides the results to testing of Atlite Energilite Roof Window with 1150x1150 (throat Opening) and 6mm toughened outer/10mm argon gap/6.38 laminated inner glass IGU, for the resistance to concentrated loads for skylight assemblies nominated in Clause 2.2.2.2 of AS 4285-2019 and determines that the product, when tested to AS4040.1 modified as required by AS4285 with 2.41kN central load, achieved a PASS result.
7. **Pendyala Consulting, Assessment Report for the Atlite Skylights: DGU Glazing for the purpose of obtaining CodeMark certification, Rev 5, dated 17 April 2023** - This appraisal from a professional engineer reviews the design structural capacity of a range of Atlite rectangular / square and circular roof lights and determines that the skylights detailed in the report may be installed on adequately strong and stiff framing, in locations detailed in AS4055 with Wind Class regions N5 or below, on roofs generally away from edges.
8. **Exova Warringtonfire, Simulated bushfire attack test of an Atlite Skylight system with custom flashing installed within a corrugated steel clad roof tested at BAL-40 exposure in accordance with AS1530.8.1-2007, Report No. 42887800.1, dated 18 August 2016** - This report provides the results to testing of Atlite skylight systems to the requirements of AS1530.8.1 to determine the suitability for use in bushfire prone areas, and determines that product is suitable for use in Bush fire prone areas up to and including BAL 40 when installed on roofs with a pitch between 18 and 75 degrees.
9. **CMB Management, Atlite Electric SkyLite, dated 31 January 2023** - This report provides the thermal analysis of Atlite Electric Skylite and includes the calculation of Total U-value = 4.333 W/m²-K and SHGC = 0.538
10. **CMB Management, Atlite Manual Open SkyLite, dated 31 January 2023** - This report provides the thermal analysis of Atlite Manual Open Skylite and includes the calculation of Total U-value = 4.333 W/m²-K and SHGC = 0.538
11. **CMB Management, Atlite Energilite, dated 31 January 2023** - This report provides the thermal analysis of Atlite Energilite and includes the calculation of Total U-value = 3.898 W/m²-K and SHGC = 0.601
12. **Acronem Consulting Australia Pty Ltd, Atlite Rooflights (Roof Window and Energilite) NCC 2019 Amdt 1, Volumes One and Two, Ref: ACA 220531, dated 26 May 2023** - This appraisal provides the below listed Atlite Roof Lights and determines that they comply with NCC BCA 2019 Volume One Clauses BP1.1, FP1.4, G5.2 and J1.4, and NCC BCA Volume 2 Clauses P2.1.1, P2.2.2, 3.10.5.0(c) and 3.12.1.3
 - a. Atlite Roof Window (Fixed/Electric Opening/Manual Opening)
 - i. Minimum 6mm toughened class as IGU upper layer
 - ii. Maximum 1200 x 1200 throat opening
 - b. Atlite Energilite AEUP (Atlite Energilite UPStand)
 - i. Maximum 6mm Toughened glass as IGU upper layer
 - ii. Maximum 1600 x 1600 throat opening