



Certificate of Conformity

Certification Body:



Global-Mark Pty Ltd,
Suite 4.07
32 Delhi Road
North Ryde NSW 2113
Australia
Tel: +61 2 9886 0222
www.Global-Mark.com.au

Certificate Holder:
Velux Australia Pty
Ltd
78 Henderson Road
Alexandria NSW 2015
Australia
Tel: 1300 859 856
www.velux.com.au

Certificate number: CM30090 Rev3

THIS TO CERTIFY THAT

Velux Skylights FS, VS, VSE & VSS with EDW Flashing Kits plus Skylights FCM, VCM, VCE & VCS with custom Flashing

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type and/or use of product: Velux Skylights (incorporating EDW Flashing kits or custom flashing) are used to bring natural light and air into attics or loft rooms where ventilation is required. Velux Skylights (incorporating EDW Flashing kits or custom flashing) are designed for use with all building types, subject to limitations detailed within this certificate and the technical literature. | Description of product: Velux FS & FCM are fixed / non-openable skylights for daylighting purposes only. Velux VS, VSE & VSS are top hung, openable skylights for daylighting & ventilation purposes. Velux VCM, VCE & VCS are top hung, openable skylights for daylighting & ventilation purposes in low-pitch applications. Velux EDW Flashing kits integrate with FS, VS, VSE & VSS Skylights for weather proofing, custom flashing is required for FCM, VCM, VCE & VCS Skylights. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

BCA 2019

| | Volume One | | Volume Two | |
|----------------------------------------|---------------------------|--------------------------------------------------|----------------------------|----------------------------------------------------------|
| Performance Requirement(s) | FP1.4 | Health & Amenity - Weatherproofing | P2.2.2 | Weatherproofing |
| | CP2 | Protection from Spread of Fire | P2.3.1 | Protection from Spread of Fire |
| Deemed-to-Satisfy Provision(s): | B1.4 (h) (ii) | Structure | 3.6.0 (b) (iv) | Structure – Glazing |
| | Specification B1.2 | Structure – Buildings in Cyclonic Areas | 3.0.4 (m) & (q) | Structure Glazing in high wind areas (FCM skylight only) |
| | D2.24 | Access & Egress – Protection of openable windows | 3.9.2.6 | Protection of openable windows in Bedrooms |

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.

The purpose of Global-Mark **construction site audits** is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In placing the **CodeMark mark** on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the **expertise of external bodies** (laboratories, and technical experts).

Herve Michoux
Global-Mark Managing Director

Peter Gardner
Unrestricted Building Certifier

Date of issue: 17/03/2020

Date of expiry: 30/07/2021



Certificate number: CM30090

This certificate is only valid when reproduced in its entirety.

Page 1 of 8

room. When solely relying on roof lights, at least 5% of room floor area is required in Roof Light opening area for natural ventilation.

Volume 1 – G5.2 & Volume 2 – 3.10.5.0 (c) – Bushfire Construction

Velux Skylights with EDW or custom flashing may be installed in buildings in designated bushfire prone areas up to & including BAL40.

1, 2, 3 & 10

Volume 1 – JP1 & Volume 2 – P2.6.1

U_w & SHGC_w values in accordance with energy efficiency & building fabric requirements.

All Building Types

Volume 1 – J1.4 & Volume 2 – 3.12.1.3

The total area of Roof Lights and the corresponding U_w & SHGC_w values must comply with parameters contained within clause J1.4 of Volume 1 and clause 3.12.1.3 of Volume 2.

All Building Types

Volume 1 – NSW JP1 & Volume 2 – NSW P2.6.1

U_w & SHGC_w values in accordance with NSW BASIX.

1, 2, 4 & 10

Volume 1 – NSW J(A)1 & J(B)1

U_w & SHGC_w values in accordance with energy efficiency requirements.

3, 5, 6, 7, 8 & 9

Volume 1 – NT & QLD Section J

U_w & SHGC_w values in accordance with energy efficiency requirements of BCA 2009 Section J.

2, 3, 4, 5, 6, 7, 8 & 9

Volume 2 – NT Part 2.6

U_w & SHGC_w values in accordance with building fabric requirements of BCA 2009 Part 2.6.

1 & 10

General

Velux Skylights with approved flashing are to be specified in accordance with the document(s) listed in Appendix A3 of this certificate by a suitably qualified building professional.

All Building Types

General

Velux Skylights with approved flashing are to be installed in accordance with the document(s) listed in Appendix A5 of this certificate by a suitably qualified building professional.

All Building Types



Certificate of Conformity

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

See page 1 of this certificate: Type and/or use of product

A2 Description of product

See page 1 of this certificate: Description of product

- Skylights may be installed in orientations between 0 and 70 degrees when measured from the horizontal plane.
- Velux Skylights options are available in a range of standard sizes, as described in Items 1, 2, 3, 4, 5, 6, 7 & 8 as listed in Appendix B2.

A3 Product specification

Refer to items 1, 2, 3, 4, 5, 6, 7 & 8 listed in B2:

1. Velux Product Range 2017
2. Aust FCM Product Sheet 2018
3. Aust FS Product Sheet 2018
4. Aust VS Product Sheet 2018
5. Aust VSE Product Sheet 2018
6. Aust VSS Product Sheet 2018
7. Aust VCM Product Sheet 2018
8. Aust VCS Product Sheet 2018
9. EDW Flashing A21 452259-2012-06 – Installation instructions

A4 Manufacturer and manufacturing plant(s)

Velux Australia Pty Ltd
78 Henderson Road
Alexandria NSW 2015
Australia

VELUX Greenwood
450 Old Brickyard Rd Greenwood
South Carolina 29649
USA

A5 Installation requirements

Refer to Velux product installation instructions for FS, VS, VSE, VSS, FCM, VCM, VCE & VCS skylights.

Refer to Velux product installation instructions for EDW Flashing kit – EDW Flashing A21 452259-2012-06.

A6 Other relevant technical data

Any referenced documents within the technical literature identified in Appendix A, A3 and Appendix A, A5.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The following assessment methods have been used to determine compliance with NCC 2019:

| Code Clause | Assessment Method(s) | Evidence of suitability | Evidence reference in B2 |
|-----------------------------------|----------------------|-------------------------|------------------------------------------|
| NCC Volume One FP1.4 | A2.2 (2) (a) & (b) | A5.2 (1) (d) | Items 34, 36, 38, 40, 41 & 42 |
| NCC Volume Two P2.2.2 | A2.2 (2) (a) & (b) | A5.2 (1) (d) | Items 34, 36, 38, 40, 41 & 42 |
| NCC Volume One CP2 | A2.2 (2) (a) & (c) | A5.2 (1) (e) | Item 18 |
| NCC Volume Two P2.3.1 | A2.2 (2) (a) & (c) | A5.2 (1) (e) | Item 18 |
| NCC Volume One B1.4 (h) (ii) | A2.3 (2) (a) & (b) | A5.2 (1) (d) & (e) | Items 9, 10, 11, 12, 13, 35, 36, 38 & 42 |
| NCC Volume Two 3.6.0 (b) | A2.3 (2) (a) & (b) | A5.2 (1) (d) & (e) | Items 9, 10, 11, 12, 13, 35, 36, 38 & 42 |
| NCC Volume One Specification B1.2 | A2.3 (2) (a) | A5.2 (1) (d) | Items 14, 15, 16, 17, 35, 37, 39 & 42 |
| NCC Volume Two 3.0.4 (m) & (q) | A2.3 (2) (a) | A5.2 (1) (d) | Items 14, 15, 16, 17, 35, 37, 39 & 42 |
| NCC Volume One D2.24 | A2.3 (2) (a) | A5.2 (1) (d) | Items 27, 28, 29, 30, 31, 32 & 33 |
| NCC Volume Two 3.9.2.6 | A2.3 (2) (a) | A5.2 (1) (d) | Items 27, 28, 29, 30, 31, 32 & 33 |
| NCC Volume Two 3.9.2.7 | A2.3 (2) (a) | A5.2 (1) (d) | Items 27, 28, 29, 30, 31, 32 & 33 |
| NCC Volume One F4.2 | A2.3 (2) (a) | A5.2 (1) (f) | Items 1, 2, 3, 4, 5, 6, 7 & 8 |
| NCC Volume One F4.3 | A2.3 (2) (a) | A5.2 (1) (f) | Items 1, 2, 3, 4, 5, 6, 7 & 8 |
| NCC Volume Two 3.8.4.2 | A2.3 (2) (a) | A5.2 (1) (f) | Items 1, 2, 3, 4, 5, 6, 7 & 8 |
| NCC Volume One F4.6 | A2.3 (2) (a) | A5.2 (1) (f) | Items 1, 4, 5, 6, 7 & 8 |
| NCC Volume One F4.7 | A2.3 (2) (a) | A5.2 (1) (f) | Items 1, 4, 5, 6, 7 & 8 |
| NCC Volume Two 3.8.5.2 | A2.3 (2) (a) | A5.2 (1) (f) | Items 1, 4, 5, 6, 7 & 8 |
| NCC Volume One G5.2 | A2.3 (2) (a) & (b) | A5.2 (1) (d) & (f) | Items 19, 20, 21, 22, 23, 24 & 25 |
| NCC Volume Two 3.10.5.0 (c) | A2.3 (2) (a) & (b) | A5.2 (1) (d) & (f) | Items 19, 20, 21, 22, 23, 24 & 25 |
| NCC Volume One J1.4 | A2.3 (2) (a) & (b) | A5.2 (1) (e) & (f) | Item 43 |
| NCC Volume Two 3.12.1.3 | A2.3 (2) (a) & (b) | A5.2 (1) (e) & (f) | Item 43 |
| NCC Volume One J3.3 | A2.3 (2) (a) | A5.2 (1) (d) | Item 44 |
| NCC Volume Two 3.12.3.2 | A2.3 (2) (a) | A5.2 (1) (d) | Item 44 |

B2 Reports

The following reports have been used as evidence to determine compliance with NCC 2019:

| Ref | Author | Reference | Date | Description | NATA Registration |
|-----|--------------------------------|---------------------------------|-----------|--------------------------------------------------------------|-------------------|
| 1 | Velux Australia Pty Ltd | Velux range 2017 | Jun-17 | List of Velux Skylight, Roof Window & Sun Tube Product Range | – |
| 2 | Velux Australia Pty Ltd | Aust FCM Product sheet 2018 web | Jan 18 | Product data sheet for FCM Fixed Skylights | – |
| 3 | Velux Australia Pty Ltd | Aust FS Product sheet 2018 web | Jan 18 | Product data sheet for FS Fixed Skylights | – |
| 4 | Velux Australia Pty Ltd | Aust VS Product sheet 2018 web | Jan 18 | Product data sheet for VS Manually operated Skylights | – |
| 5 | Velux Australia Pty Ltd | Aust VSE Product sheet 2018 web | Jan 18 | Product data sheet for VSE Electronically operated Skylights | – |
| 6 | Velux Australia Pty Ltd | Aust VSS Product sheet 2018 web | Jan 18 | Product data sheet for VSS Solar powered Skylights | – |
| 7 | Velux Australia Pty Ltd | Aust VCM Product sheet 2018 web | Jan 18 | Product data sheet for VCM Manually operated Skylights | – |
| 8 | Velux Australia Pty Ltd | Aust VCS Product sheet web 2018 | Jan 18 | Product data sheet for VCS Solar powered Skylights | – |
| 9 | Calderone & Associates | Form 15 | 16-Jul-17 | Structural Certificate | – |
| 10 | Calderone & Associates | - | 16-Jul-17 | Structural Analysis Report | – |
| 11 | GHD Consulting Engineers | 33-18220-S001 Rev 1 | 30-Aug-16 | Structural Detail Drawing | – |
| 12 | GHD Consulting Engineers | 33-18220-S001 Rev 2 | 26-Jul-17 | Structural Detail Drawing | – |
| 13 | GHD Consulting Engineers | 33-18220-S002 Rev 2 | 26-Jul-17 | Structural Detail Drawing | – |
| 14 | GHD Consulting Engineers | NT Sec 40 Cert | 26-Jul-17 | Structural Certificate | – |
| 15 | GHD Consulting Engineers | QLD Form 15 Cert | 26-Jul-17 | Structural Certificate | – |
| 16 | NT Building Advisory Committee | DTCM M/828/01-06 | 03-Aug-17 | Compliance Letter | – |
| 17 | GHD Consulting Engineers | M/828/01-06 | 16-Jun-17 | Structural Detail Drawing | – |
| 18 | CSIRO | FCO-2046 | 05-Jun-17 | Fire Assessment Report | 165 |
| 19 | Exova Warringtonfire | 2391800.2 | 05-Jan-10 | Fire Test Report | 3277 |
| 20 | Exova Warringtonfire | 2548902.1 | 25-Feb-11 | Fire Test Report | 3277 |
| 21 | Exova Warringtonfire | 2398200.2 | 05-Jan-10 | Fire Test Report | 3277 |
| 22 | Exova Warringtonfire | 2398100.3 | 05-Jan-10 | Fire Test Report | 3277 |
| 23 | Exova Warringtonfire | 2548900.1 | 25-Feb-11 | Fire Test Report | 3277 |
| 24 | Exova Warringtonfire | 31154800.1 | 15-Jan-15 | Fire Test Report | 3277 |
| 25 | Exova Warringtonfire | 2686100.2 | 18-Jul-12 | Fire Test Report | 3277 |
| 26 | Exova Warringtonfire | 46234000.2 | 23-Jan-18 | Fire Assessment Report | 3277 |
| 27 | Ian Bennie & Associates | 2014-006-S2 | 05-May-14 | Window Test Certificate | 2371 |
| 28 | Ian Bennie & Associates | 2017-016-NCC-S2 | 13-Jul-17 | Window Test Certificate | 2371 |
| 29 | Ian Bennie & Associates | 2017-016-POW-S2 | 13-Jul-17 | Window Test Certificate | 2371 |
| 30 | Ian Bennie & Associates | 2017-016-NCC-S9 | 13-Jul-17 | Window Test Certificate | 2371 |

B2 Reports cont'd

| Ref | Author | Reference | Date | Description | NATA Registration |
|-----|--------------------------------|----------------------|-----------|------------------------------------------------|-------------------|
| 31 | Ian Bennie & Associates | 2017-016-POW-S9 | 13-Jul-17 | Window Test Certificate | 2371 |
| 32 | Ian Bennie & Associates | 2017-016-NCC-S11 | 13-Jul-17 | Window Test Certificate | 2371 |
| 33 | Ian Bennie & Associates | 2017-016-POW-S11 | 13-Jul-17 | Window Test Certificate | 2371 |
| 34 | Ian Bennie & Associates | 2009-098-S5 | 14-Jan-10 | Weathertightness & Structural Test Report | 2371 |
| 35 | Ian Bennie & Associates | 2009-098-S6 | 14-Jan-10 | Weathertightness & Structural Test Report | 2371 |
| 36 | Ian Bennie & Associates | 2009-098-S1 | 18-Jan-10 | Weathertightness & Structural Test Report | 2371 |
| 37 | Ian Bennie & Associates | 2009-098-S12 | 18-Jan-10 | Weathertightness & Structural Test Report | 2371 |
| 38 | Ian Bennie & Associates | 2009-098-S10 | 18-Jan-10 | Weathertightness & Structural Test Report | 2371 |
| 39 | Ian Bennie & Associates | 2009-098-S16 | 18-Jan-10 | Weathertightness & Structural Test Report | 2371 |
| 40 | Ian Bennie & Associates | 2015-014-S5 | 18-Sep-15 | Weathertightness & Structural Test Report | 2371 |
| 41 | Ian Bennie & Associates | 2015-014-S05 | 07-Sep-15 | Weathertightness & Structural Test Certificate | 2371 |
| 42 | Ian Bennie & Associates | 2012-099-S1-2&4 | 13-Sep-13 | Weathertightness & Structural Test Report | 2371 |
| 43 | Australian Windows Association | Velux Window Testing | 18-Jul-17 | WERS certificate | – |
| 44 | Ian Bennie & Associates | 2017-016-R1 | 13-Jul-17 | Window Test Report | 2371 |

The Certificate Holder has chosen not to make the above identified evidence of compliance publicly available, due to the documents being considered commercial in confidence.

End of Certificate