



21st October 2024

REF: ACA220516 230206

ENGINEERING EVALUATION CERTIFICATE

VELUX GGL, GPL, VS, FS, FCM, TWR, TWF, TCR, VCS, VCM

DESIGN ULTIMATE STRENGTH AS 4055:2021 WIND CLASSIFICATIONS, NON-CYCLONIC, ROOFS, GENERAL

This certificate is issued by: Acronem Consulting Australia Pty Ltd

This certificate is issued to: Velux Australia Pty Ltd
78 Henderson Road
Alexandria, NSW, 2015, Australia

I certify that the items described below, installed, or carried out in accordance with the information contained in this certificate, including any referenced documentation, will comply with the requirements of AS4055:2021 for DESIGN ULTIMATE STRENGTH WIND CLASSIFICATIONS, NON-CYCLONIC, ROOFS, GENERAL given below.

Building classification:

Part of building: Skylight or Roof Window

BCA Classification: Class 1 & 10a buildings within the geometric limits of AS 4055:2021.

Design relating to: Ultimate Strength Wind Classifications (non-cyclonic, roofs, general) only.

Documents setting out the design certified by this certificate:

Document:	Date:	Type:	Pages:	Prepared by:
Product Information and Price List	May 2022	Specification	16	Velux Australia Pty Ltd
2014-067-S1 Report - GGL SK06 3076 with EDW SK06-V22, (max. 1136mm x 1175mm)	24/12/14	Test Report	3	Ian Bennie & Associates Pty Ltd
2014-067-S2&5 Report - GPL SK06, (max. 1136mm x 1175mm)	10/12/14	Test Report	3	Ian Bennie & Associates Pty Ltd
2009-098-S10 - VS S06 2004A (max. 1136mm x 1175mm)	18/1/10	Test Report	4	Ian Bennie & Associates Pty Ltd
2009-098-S1 - FS S06 2004A, (max. 1136mm x 1175mm)	18/1/10	Test Report	4	Ian Bennie & Associates Pty Ltd
2009-098-S6 - FCM 4646 0004B, (max. 1299mm x 1299mm(o/all))	14/1/10	Test Report	5	Ian Bennie & Associates Pty Ltd
2022-086-S1 – FCM 4672 004, (1299mm x 1960mm)	20/01/23	Test Report	7	Ian Bennie & Associates Pty Ltd
2017-016-S1 - VCS 4646 2004, (max. 1305mm x 1305mm (o/all))	29/07/17	Test Report	25	Ian Bennie & Associates Pty Ltd
2017-016-S5 - VCM 4646 2004, (max. 1305mm x 1305mm (o/all))	29/07/17	Test Report	25	Ian Bennie & Associates Pty Ltd
2015-014-S1 - TWR TWF V2.0, (max. 520mm o/all)	17/9/15	Test Report	5	Ian Bennie & Associates Pty Ltd
2024-057-S1 - TCR 014 0000, (max. 446.2mm o/all)	02/10/24	Test Report	16	Ian Bennie & Associates Pty Ltd



Items Covered by the Certification include:

Item:	Size: (mm x mm)	Installation Instructions:	Ultimate Strength Wind Classification (non-cyclonic, roofs(r), general(G))
Roof Windows (GGL)			
GGL CK02 2076/3076	550 x 780	With EDW flashing kit to 90x45 timber frame in accordance with the installation instructions (GGL V22-452953-2013-03). ¹	N5r(G)
GGL CK04 2076/3076	550 x 980		
GGL MK04 2076/3076	780 x 980		
GGL MK08 2076/3076	780 x 1400		
GGL SK06 2076/3076	1140 x 1180		
Roof Windows (GPL)			
GPL CK04 2076/3076	550 x 980	With EDW flashing kit to 90x45 timber frame in accordance with the installation instructions (GPL V22 - 452954-2014-06). ¹	N3r(G)
GPL MK04 2076/3076	780 x 980		
GPL MK06 2076/3076	780 x 1180		
GPL MK08 2076/3076	780 x 1400		
GPL SK06 2076/3076	1140 x 1180		
Skylights			
VS C01 2004	550 x 700	Velux VS installation instructions (VAS452262) with an EDW flashing kit and instructions (VAS452198-0209). ¹	N6r(G)
VS C04 2004	550 x 980		
VS C06 2004	550 x 1180		
VS C08 2004	550 x 1400		
VS M02 2004	780 x 780		
VS M04 2004	780 x 980		
VS M06 2004	780 x 1180		
VS M08 2004	780 x 1400		
VS S01 2004	1140 x 700		
VS S06 2004	1140 x 1180		
FS C01 2004	550 x 700		
FS C04 2004	550 x 980		
FS C06 2004	550 x 1180		
FS C08 2004	550 x 1400		
FS C12 2004	550 x 1800		
FS M02 2004	780 x 780		
FS M04 2004	780 x 980		
FS M06 2004	780 x 1180		
FS M08 2004	780 x 1400		
FS S01 2004	1140 x 700		
FS S06 2004	1140 x 1180		
Low Pitch Skylights			
FCM 1430 0004	460 x 870	Velux FCM installation instructions (VAS452159) mounted on a timber hob. ¹	N6r(G)
FCM 2222 0004	665 x 665		
FCM 2230 0004	665 x 870		
FCM 2234 0004	665 x 970		
FCM 2246 0004	665 x 1275		
FCM 2270 0004	665 x 1885		
FCM 3030 0004	870 x 870		
FCM 3046 0004	870 x 1275		
FCM 3055 0004	870 x 1505		
FCM 3072 0004	870 x 1960		
FCM 3434 0004	970 x 970		
FCM 3446 0004	970 x 1275		
FCM 4646 0004	1275 x 1275		
FCM 4672 0004	1299 x 1960		



Low Pitch Skylights (cont.)			
VCS 2222 2004 VCS 2234 2004 VCS 2246 2004 VCS 3030 2004 VCS 3046 2004 VCS 3434 2004 VCS 4622 2004 VCS 4646 2004	665 x 665 665 x 970 665 x 1275 870 x 870 870 x 1275 970 x 970 1275 x 665 1275 x 1275	Mounted on a timber base 90x45, in accordance with installation instructions (A21 Model) ¹	N4r(G)
VCM 2222 2004 VCM 2234 2004 VCM 2246 2004 VCM 3030 2004 VCM 3046 2004 VCM 4646 2004	665 x 665 665 x 970 665 x 1275 870 x 870 870 x 1275 1275 x 1275	Mounted on a timber base 90x45, in accordance with installation instructions (A21 Model). ¹	N5r(G)
Sun Tunnels			
TWF 0K14 2010 TWR 0K14 2010 TCR 014 0000	350mm diameter	Mounted on a 90x45 timber frame in accordance with the fitting instructions (VAS453834-2015-01) ¹	N6r(G)
<p>Note:</p> <p>1. The design strength of the supporting structure must be independently verified by a professional engineer.</p>			

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: Cameron Chick BE(Hons), Ph.D, GC.Com.(Mktg), M.AIRAH, RPEQ

Email: cameron@acronem.com.au

Registered Professional Engineer

Qld. (Structural): 15370

Vic. (Civil): PE0000967

Date of issue of certificate: 21/10/24

Signature: