



CERTIFICATE NO.
2024-001-S2-C2

CERTIFICATE OF TEST

AS 4285 – 2019: Rooflights;
Resistance to concentrated loads, Watertightness, Resistance to wind pressure for non-cyclone regions

PRODUCT: **OW148, Premium Plus – Opening Roof Window** (1400 x 800 mm)
by ACOL Skylights & Roof Windows.

TEST SPONSOR: ACOL Skylights & Roof Windows Pty. Ltd.
26 Simcock Steet,
Somerville, VIC 3912, Australia

DESCRIPTION OF TEST SAMPLE: Manually opening roof window with double glazed top of 6 mm toughened, 12 mm argon, 6 mm toughened glass.

The OW148 has a Zinalume flashing tray with 70 mm upstand. The 1400 mm x 800 mm unit was fitted to the IBA-Lab specified test-rig of 1800x1800 mm timber frame, constructed from 90x45 MGP10, which was clad with a sheet-metal skin of Zinalume 0.55 mm thick. The OW148 was cut into the skin and mounted & sealed using typical Roof Plumbing standard practices, using silicone and roofing screws.

The OW148 was strapped to the timber frame using the standard pre-fitted straps and tech screws.

Refer to the referenced test report for full sample details and compliance information.

AS 4285 - 2019: Rooflights

		Outcome:
Clause 2.2.2.2	<i>Resistance to concentrated loads: Glass rooflights</i>	
Condition:	Design Action 1.1 kN.....	Pass
Condition:	Test Load 2.41 kN.....	Pass
Clause 2.2.2.3	<i>Resistance to wind pressures for non-cyclone regions</i>	
Condition:	ULS Design Action +2.07 / -3.25 kPa.....	Pass
Condition:	ULS Test Pressure +4.09 / -4.75 kPa.....	Pass
Clause 2.2.2.5	<i>Watertightness</i>	
Condition:	Pitch 27°, 10°, 5°.....	Pass

THIS CERTIFICATE IS PROVIDED FOR GENERAL INFORMATION ONLY AND DOES NOT COMPLY WITH THE REGULATORY REQUIREMENTS FOR EVIDENCE OF COMPLIANCE. PRODUCT NAME(S) AND DESCRIPTION(S) ARE THAT WHICH WERE SPECIFIED BY THE CLIENT AT THE TIME OF THE TEST. IAN BENNIE & ASSOCIATES PTY. LTD. MAKE NO VERIFICATION ON THE ACCURACY OF THE DETAILING PROVIDED.

THIS CERTIFICATE OF TEST IS AN ADDENDUM TO THE IDENTIFIED TEST REPORT. REFERENCE SHOULD BE MADE TO THE RELEVANT TEST REPORT/s TO DETERMINE THE APPLICABILITY OF THE TEST RESULT.

TEST REPORT ID: 2024-001-S2-R2
DATE OF TEST: 29th January 2024, 7th February 2024, 15th March 2024
CERTIFICATE ISSUED: 07/08/2024

TESTING AUTHORITY

Prepared by

Reviewed by

Ian Bennie & Associates Pty. Ltd.

Lochie Howe

13/06/2024

James Maskiell

07/08/2024