



CERTIFICATE NO.  
2024-001-S1-C1

**CERTIFICATE OF TEST**

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

**PRODUCT:** SKA55, TradeLite 550 (550x550 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:** Non-vented standard skylight frame-less assembly: folded sheet-metal design with glazed top of 6 mm toughened glass (single pane of 600x600 mm).

The SKA55 has a Zinalume flashing tray of 900x900 mm with 90mm upstand. The 550 mm x 550 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 skylight was cut into the skin and mounted & sealed using typical Roof Plumbing standard practices, using silicone and roofing screws.

The SKA55 was not strapped to the frame; thus, solely supported by the flashing tray.

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

**AS 4285 - 2019: Rooflights**

		<b>Outcome:</b>
<b>Clause 2.2.2.2</b>	<i>Resistance to concentrated loads: Glass rooflights</i>	
	<b>Condition:</b> Design Action      1.1 kN.....	Pass
	<b>Condition:</b> Test Load          2.41 kN.....	Pass
<b>Clause 2.2.2.3</b>	<i>Resistance to wind pressures for non-cyclone regions</i>	
	<b>Condition:</b> ULS Design Action    +2.80 / -6.84 kPa.....	Pass
	<b>Condition:</b> ULS Test Pressure    +4.09 / -9.99 kPa.....	Pass
<b>Clause 2.2.2.5</b>	<i>Watertightness</i>	
	<b>Condition:</b> 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-S1-R1  
DATE OF TEST: 29<sup>th</sup> January 2024, 1<sup>st</sup> February 2024.  
CERTIFICATE ISSUED: 07/08/2024

**TESTING AUTHORITY**

**Prepared by**

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13/06/2024

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07/08/2024