Susan Danks Tariff Consulting Pty Ltd
ABN 87 167 804 622
PO Box 3, Sutherland NSW 1499
Office 02 9528 2228 | Mobile 0407 128 378
susan.danks@tariffconsulting.com.au

PUBLIC RECORD

Attachment C1: Test Report 2025-078-S2-R2 (public version)

Investigation 691: Aluminium windows and doors exported from the People's Republic of China
Submission by: Foshan Watte Intelligent Doors and Windows Co. Ltd, lodged by Susan Danks Tariff Consulting Pty Ltd on its behalf

Attachment C1 is Test Report 2025-078-S2-R2, issued by Ian Bennie & Associates Pty Ltd, a laboratory accredited by the National Association of Testing Authorities (Accredited Laboratory No. 2371). The report was commissioned by Watte and is lodged on a confidential basis. This public version summarises it.

Report details

Report	Test Report 2025-078-S2-R2, revision 2, issued 21 July 2026. It replaces revision 0 (2025-078-S2, issued 19 March 2026).
Revisions	Revision 1 added cyclic fatigue results for cyclone regions (AS 4285-2019, clause 2.2.2.4), using data from testing of an identical sample by another NATA-accredited laboratory. Revision 2 corrected two minor errors.
Sample	WT-DR56-F aluminium skylight: 1600 × 1600 mm fixed skylight
Glazing	Double-glazed unit: 6 mm low-E outer pane, 20 mm argon-filled cavity, laminated inner pane (5 mm + 1.14 mm interlayer + 5 mm)
Standard	AS 4285-2019 Rooflights, clause 2.2.2
Test dates	3 and 4 February 2026 and 8 July 2026

How the sample was installed

The skylight was mounted on a timber frame sheeted with fibre cement, simulating installation in a roof. It sat on a timber upstand over the opening, was tied down to the roof structure, and was flashed over the roof sheeting up to the skylight frame, with all external joints sealed.

Results

Test (AS 4285-2019)	Condition	Outcome
Watertightness (clause 2.2.2.5)	Roof pitches of 27°, 22.5°, 15°, 10°, 5° and 0°	Pass
Resistance to concentrated loads (clause 2.2.2.2)	Design action 1.1 kN	Pass
Resistance to wind pressures for non-cyclone regions (clause 2.2.2.3)	At the roof wind ratings stated in the report	Pass

Resistance to wind pressures for cyclone regions (clause 2.2.2.4)	At the roof wind ratings stated in the report	Pass

The report states that its results apply to the sample as tested.