

# IAN BENNIE & ASSOCIATES PTY. LTD.

## Building Performance Testing

ACN : 007 133 253

### AWA ICP FORCE TEST FOR WINDOW CONTROL DEVICES

#### CERTIFICATE NUMBER 2014-006-S2

**Test Client:** VELUX

**Sample Details:** VELUX VS S06 2004A with details as follows:

Winder chain shortened to limit distance from winder case to sash to 100 mm.

**Test Method:** AWA Industry Code of Practice ICP005 'Protection of Openable Window Testing Specification', Section 7: Force Test for Window Control Devices. The sample was subjected to a force of 250N with a bullet shaped object of 125 mm diameter to determine if a 125mm diameter object could pass through. As shown in Figure 3 of the ICP the force was applied adjacent to the jamb of the roof window as the restrictor (winder) was positioned centrally on the bottom rail.

Force was measured with a NATA calibrated Grade A load measurement system and the bullet shaped test object dimensions verified by a NATA accredited metrology laboratory.

**Test Results:** Results are given in the table below.

Load Location	Load (N)	Minimum Duration (s)	Observations	Result
Sill adjacent to corner	250	10	Object did not pass through	PASS


**Test Location:** IBA Test Centre, Dandenong, Melbourne.

**Test Date:** 30 January 2014.

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