

# IAN BENNIE & ASSOCIATES PTY. LTD.

## Building Performance Testing

ACN : 007 133 253

### NCC VOL 1 D2.24 & VOL 2 CI 3.9.2.5 PROTECTION OF OPENABLE WINDOWS

#### CERTIFICATE NUMBER 2017-016-S11

**Test Client:** VELUX

**Sample Details:** VELUX VCM 4646 2004

**Test Method:** The National Construction Code (NCC 2016) Volume 1 Deemed to Satisfy Provision D2.24 and Volume 2 Section 3.9.2.5 require that a 125 mm sphere may not pass through a window opening or screen and that a window or screen must resist an outward action of 250 N against it.

Force was measured with a NATA calibrated Grade A load measurement system and the spherical 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 at corner opposite restrictor	250	5	Object did not pass through	PASS

**Test Location:** IBA Test Centre, Dandenong, Melbourne. **Test Date(s):** 31 March 2017.

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