



Certificate of Test: Chilt/P08136

This certificate is awarded to:

Sapa Building Systems Limited

Alexandra Way
Ashchurch
Tewkesbury
Gloucestershire
GL20 8NB

This document confirms that performance testing was conducted from 23 October 2008 to 16 April 2009. Testing was conducted to the following standards:-

- BS 6375 Part 1:2004 Performance of windows and doors - Part 1: Classification for weathertightness and guidance on selection and specification.
- And BS 6375 Part 2:1987 Amendments 1 and 2 Performance of windows - Part 2. Specification for operation and strength characteristics.
- And EN 14351 Part 1 testing to the principles of EN 14609:2004 for load bearing capacity of safety devices The following results were achieved

Product tested	Dualframe 75mm top hung Casement window		
Summary of testing and classification			Result
	Test Standard	Classification standard	
Air permeability	BS EN 1026: 2000	BS EN 12207: 2000	600pa (Class 4)
Watertightness	BS EN 1027: 2000	BS EN 12208: 2000	600pa (Class A9)
Wind resistance	BS EN 12211: 2000	BS EN 12210: 2000	2400pa (Class 2400E)*
Exposure category		BS 6375: Part 1: 2004	2400*
BS 6375: Part 2: 1987, clauses A.2, A.3, A.5, A.6 and A.7			Pass
EN 14351 Part 1 testing to the principles of EN 14609:2004			No apparent damage

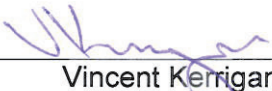
* Note P3 safety check test was conducted on a second sample after the wind loading and pulsing tests P1 and P2 were repeated on the second sample

Air leakage at 50pa was 0.6m³/h positive pressure and 0.2m³/h negative pressure. The perimeter length of opening light was 6.35m

The results relate only to the specimens tested, as detailed in technical specification document number Chilt/P08136/tec1


Paul Andrews -
Head of Section Mechanical Testing

Date: 25 August 2009


Vincent Kerrigan -
Technical Manager

Date: 25-08-2009

Chiltern Dynamics

Chiltern House, Stocking Lane, Hughenden6.3 Valley, High Wycombe, HP14 4ND, United Kingdom

Tel: 01494 569800 Fax: 01494 564895

Web: www.chilternfire.co.uk

Email: cif@chilternfire.co.uk

Page 1 of 7



1762

This document is confidential and remains the property of Chiltern International Fire Ltd