



Certificate of Test: Chilt/P07095/02

This certificate is awarded to:

Schreinerei Kleinhans Gmbh
Königsberger Strasse 2-6
77694 Kehl
Deutschland

This document confirms that performance testing was conducted from 11 September 2007 to 13 September 2007. Testing was conducted to the following standards:-

- BS 7950:1999 Amendments 1, 2 and 3 Specification for enhanced security performance of windows for domestic applications
- 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 2:1989 Amendments 1 and 2 Performance of windows – Part 2. Specification for operation and strength characteristics. The following results were achieved

Product tested	Scan Win – Side Guided	
Summary of testing procedure		Result
BS 6375: Part 1: 2004	Air permeability	600Pa
	Watertightness	600Pa
	Wind resistance	2000Pa
	Exposure category	2000
BS 6375: Part 2: 1987, clauses A.2, A.3, A.5, A.6, A.7 and A.8		Pass
BS 7950: 1997- tested to clauses A.4, A.5, A.6 and A.7		Pass

Air leakage at 50pa was $0.5\text{m}^3/\text{h}$ positive pressure and $0.5\text{m}^3/\text{h}$ negative pressure. The perimeter length of opening light was 3.23m

The results relate only to the specimens tested, as detailed in technical specification document number Chilt/P07095/tec2

Steve Smith – Test Engineer
Date: 28th September 2007

Vincent Kerrigan - Deputy Technical Manager
Date: 28th September 2007

Chiltern Dynamics

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Technical specification

No: Chilt/P07095/tec2

Test For: Schreinerei Kleinhans Gmbh, Königsberger Strasse 2-6, 77694 Kehl, Deutschland.

Performance testing to BS 6375: Part 1: 2004, BS 6375: Part 2: 1987 and BS 7950: 1997, Amendments 1, 2 and 3 was conducted on your specimens from 11 September 2007 to 13 September 2007, and the technical specification is detailed below. The specimens were delivered to Chiltern Dynamics laboratory on 6 September 2007.

Description of construction

The specimens were identified as Scan Win multilight windows the windows were configured as a side guided casement next to a fixed light with overall frame dimensions of 1500mm wide x 900mm high x 96mm deep. The casement dimensions were 850mm wide x 834mm high x 68mm thick. The specimens were locked with a removeable key.

Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	IPA (Ref. 21195)	310 length	3No. 4 x 40 screws into frame 4No. 4 x 40 screws into casement
Hinge protection	IPA (Ref. 21222001)	70 x 17	2No. 4 x 40 screws
Locking mechanism	IPA (Ref. 23716) with shootbolt (Ref. 23780)	16 wide	10No. 4 x 40 screws
Keeps	2No. IPA (Ref. 23780)	80 x 44	3No. 4 x 25 security screws
Top shootbolt keep	IPA (Ref. 308Ø486)	73 x 30	1No. 4 x 25 security screw & 1No. 4 x 40 screw
Bottom shootbolt keeps	IPA plastic keep (Ref. 23340)	Ø28	Push fitted into frame
	IPA (Ref. 303Ø487)	77 x 30	1No. 4 x 25 security screw & 1No. 4 x 40 screw
Handles	Titon Select (Ref. TE1440RH7/020)	150 x 15 x 14	2No. 4 x 70 security screw

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