Certificate of Test: Chilt/P07095/03

This certificate is awarded to:

Schreinerei Kleinhans Gmbh

Kőnigsberger Strasse 2-6
77694 Kehl
Deutschland

This document confirms that performance testing was conducted from 10 September 2007 to 14 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 – Top Guided**	
Summary of testing procedure		**Result**
BS 6375: Part 1: 2004	**Air permeability**	**600Pa**
	Watertightness	**300Pa**
	Wind resistance	**2000Pa**
	Exposure category	**2000**
BS 6375: Part 2: 1987, clauses A.2, A.3, A.5. A.6 and A.7		**Pass**
BS 7950: 1997- tested to clauses A.4, A.5, A.6 and A.7		**Pass**

Air leakage at 50pa was 0.1m^3/h positive pressure and 0.1m^3/h negative pressure. The perimeter length of opening light was 4.48m

The results relate only to the specimens tested, as detailed in technical specification document number Chilt/P07095/tec3

Steve Smith – Test Engineer
Date: 28th September 2007

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

Chiltern Dynamics

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UKAS TESTING
1762

Technical specification

No: Chilt/P07095/tec3

Test For: Schreinerei Kleinhans Gmbh, Kőnigsberger 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 10 September 2007 to 14 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 top guided casement over a fixed light with overall frame dimensions of 1200mm wide x 1800mm high x 96mm deep. The casement dimensions were 1134mm wide x 1145mm 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. 21173)	453 length	3No. 4 x 40 screws into frame 4No. 4 x 40 screws into casement
Hinge protection	2No. IPA (Ref. 21222001)	70 x 17	2No. 4 x 40 screws
Locking mechanism	IPA (Ref. 23719) with shootbolt (Ref. 23780)	16 wide	12No. 4 x 40 screws
Keeps	2No. IPA (Ref. 23269	46 x 25	2No. 4 x 25 security screws
Shootbolt keeps	2No. IPA (Ref. 303Ø485)	65 x 30	2No. 4 x 25 security screws
Handles	Titon Select (Ref. TF1440RH7/020)	150 x 15 x 14	2No. 4 x 70 security screws

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