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**CONFIDENTIAL**

**Chilt/P06170/01**

**Certificate report on the testing of a loft access  
panel to the principles of BS EN 1026:2000**

**Test For:  
Fire Proofing Services Ltd  
Evolution House  
Aston Road  
Nuneaton  
CV11 5EL**

**Date of issue: March 2007**

**Number of Pages: 7**

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation

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copies of this document are embossed with the Chiltern International Fire Ltd name and logo*

21/05/2007

To whom it may concern :-

Re: Outside Testing Certification.

Fire Proofing Services Ltd is an independent company formed to arrange and monitor all forms of outside testing carried out on products manufactured by various access panel companies and their clients.

The access panels tested as described in the following Test Reports / Assessments were manufactured by Exitile Ltd on their premises, and constructed to the exact specification as detailed in the tests.

Yours Faithfully;



T C Beasley – Fire Proofing Services Ltd.



## Test Certificate: Chilt/P06170/01

This certificate is awarded to:

### Fire Proofing Services Ltd

Evolution House  
Aston Road  
Nuneaton  
CV11 5EL

This document confirms that performance testing to the principles of BS EN 1026:2000 on your 1 hour fire rated loft access panel with metal door and picture frame surround was conducted on 15 November 2006 and the following results were achieved.

BS EN 1026:2000	Pressure (Pa)	Leakage (m3/h)	Leakage (m3/m h)
Results under positive chamber pressure	10	0.7	0.28
	20	2.1	0.83
	30	3.3	1.30
	40	4.3	1.69
	50	5.0	1.97
	60	5.7	2.24
	70	6.7	2.64
	80	7.2	2.83
Results under negative chamber pressure	10	1.8	0.71
	20	3.1	1.22
	30	4.1	1.61
	40	4.8	1.89
	50	5.8	2.28
	60	6.4	2.52
	70	7.0	2.76
	80	7.7	3.03

*The results relate only to the specimens tested, as detailed in technical specification document number Chilt/P06170/tec1*

  
Paul Andrews –Lead Test Engineer

Date: 13 March 2007

  
Vincent Kerrigan – Deputy Technical Manager

Date: 13-03-2007

#### Chiltern Dynamics

Chiltern House, Stocking Lane, Hughenden Valley,  
High Wycombe, HP14 4ND, United Kingdom

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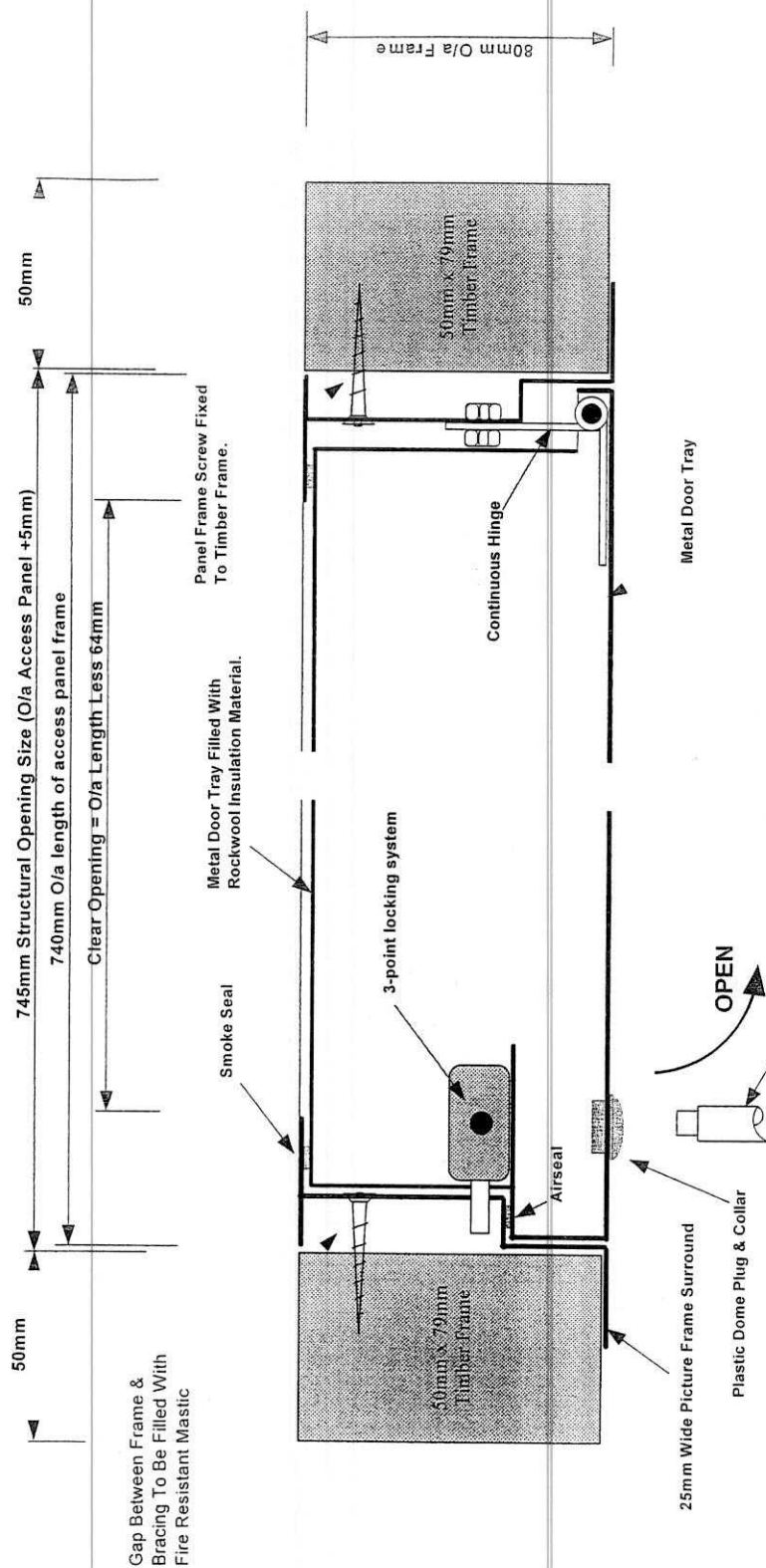
Email: [cd@chilterndynamics.co.uk](mailto:cd@chilterndynamics.co.uk)



Schematic drawing of access panel  
showing horizontal cross section  
Detail provided by client

Scale      Not to Scale  
All dimensions in mm  
unless otherwise stated

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Chiltern House, Stocking Lane, Hughenden Valley  
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Schematic drawing of access panel  
showing vertical cross section

Detail provided by client

Date Drawn

8/03/07

Drawn By  
PA

Scale Not to Scale  
All dimensions in mm  
unless otherwise stated

Project No.

Chilt/P06170/tec 1

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## Technical specification document

No: Chilt/P06170/tec1

**Test For: Fire Proofing Services Ltd, Evolution House, Aston Road, Nuneaton. CV11 5EL**

Performance testing to the principles of BS EN 1026:2000 was conducted on your specimens on 15 November 2006 and the technical specification is detailed below. The specimens were delivered to Chiltern Dynamics laboratory on 14 November 2006

### Description of construction

The specimen was identified as a 1 hour fire rated loft access panel with a metal door and picture frame surround with overall frame dimensions of 580mm wide x 790mm high x 80mm deep and leaf dimensions of 522mm wide x 735mm high x 75mm thick. The specimen was locked with a removable key.

#### Door leaf

	Material/type	Dimensions (mm)	Density (kg/m <sup>3</sup> )
Door tray	Zintec steel profile 1 thick	522 x 735 x 75	-
Joints	Folded steel	-	-
Lock rail	Zintec steel profile 1 thick welded to door tray	55 x 24 x 522	-
Tray cover	Zintec steel profile 1 thick fixed by 6 no rivets to door tray	700 x 522 x 50	-
Core	Rockwool insulation type RW3	75 thick	60*
Finish	Polyester powder coated white RAL 9010 20% Gloss*	-	-

\* Stated values not checked by laboratory

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### Door frame (see figure attached)

	Material/type	Dimensions (mm)
Rails & jambs	Zintec steel profile 1.2mm thick	80 x 43
Stop	Integral to frame profile	1 x 20
Joints	Welded	-
Finish	Polyester powder coated white RAL 9010 20% Gloss*	-

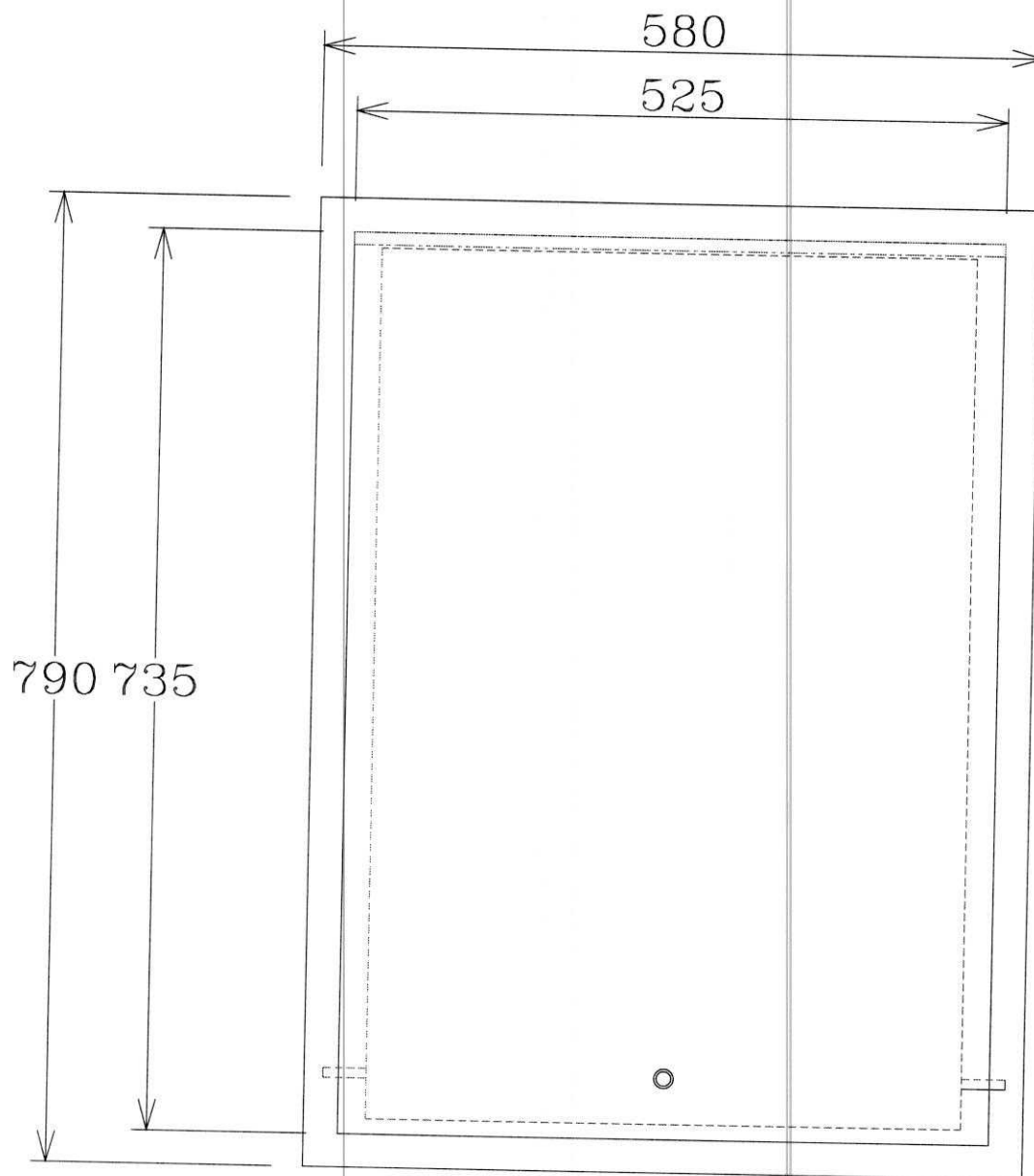
### Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinge	Continuous hinge Gold & Wassel (Ref. 1628S)	520 long	Welded to leaf 3No M6 x 10 bolts through frame fixed by nuts and washers to hinge
Locking mechanism	Emka 3 point locking system with budget key (Ref 1049-U20)	8 diameter shoot bolts	2No M6 x 30 machine bolts
Keeps	Cut into the frame profile	8 x 20	-
Lock hole cover	Heyco White plastic dome plug and collar (Ref. MDP-16)	16 diameter	Push fit into leaf

### Perimeter sealing details

	Make/type	Size (mm)	Location
Frame reveal	C.B. Frost PU foam air seal (Ref. CF6)	8 x 4	Perimeter of frame
Seal Continuity	Uninterrupted by hardware	-	-





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Schematic drawing of access panel  
showing over all dimensions

Date Drawn  
8/03/07

Drawn By  
PA

Scale Not to Scale  
All dimensions in mm  
unless otherwise stated

Project No.

Chilt/P06170/tec 1

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