

Exova Warringtonfire
Holmesfield Road
Warrington
WA1 2DS
United Kingdom

T : +44 (0) 1925 655 116
F : +44 (0) 1925 655 419
E : warrington@exova.com
W: www.exova.com



Testing. Advising. Assuring.

Title:

Fire Resistance test generally in accordance with BS EN 1634-1: 2014 In Conjunction With BS EN 1363-1: 2012 On A Specimen Of A Floor Mounted, And A Specimen Of Wall Mounted Access Hatch

Report No:

344704



Prepared for:

Profab Access Ltd
Units C&D,
Riverside Road,
Carlyon Road Ind Est,
Atherstone,
Warwickshire,
CV9 1LP.

Date:

30th September 2016

Summary

Objective To determine the fire resistance performance of a specimen of floor mounted, and a specimen of wall mounted access hatch, when tested utilising the general principles of BS EN 1634-1: 2008, in conjunction with BS EN 1363-1: 2012.

Sponsor **Profab Access Ltd**, Unit C&D, Riverside Road, Carlyon Road Ind Est, Atherstone, Warwickshire, CV9 1LG.

Summary of Tested Specimen The test assemblies consisted of a wall mounted system and a floor mounted system, the horizontal specimen was nominally 1500 mm high by 1500 mm wide and the horizontal specimen was nominally 2200 mm high by 1645 mm wide, both assemblies consisted of steel a stud framework, clad on the exposed face with a single layer of 20 mm thick Knauf Coreboard and on the unexposed face with two layers of 12.5 mm thick Knauf Fire Board.

Both access hatches were installed into apertures in the assemblies 1200 mm high by 900 mm wide. The doorsets incorporated two unequal door panels both 1195 mm high.

Briefly each panel consisted of a mild steel tray and a friction fitted, foil faced, rock fibre slab. The panels were installed such that the foil faced insulation on the doorset was exposed to the heating conditions on the vertical and unexposed on the horizontal specimen. The panels were hung on five equally spaced clips along the pivot edges. The doorset was latched at the top and bottom of the meeting and at two positions at 525 mm centres on the meeting edge. The doorset also incorporated a 1.2 mm thick astragal on its exposed face.

If the specimens were judged against the criteria for integrity and insulation in accordance with BS EN 1634-1: 2008, then the results would be as follows:

Test Results:	Vertical Hatch	Horizontal Hatch
Sustained flaming	120 minutes*	77 minutes
Gap gauge	120 minutes*	82 minutes
Cotton Pad	89 minutes	29 minutes
Insulation	10 minutes	12 minutes

*The test was discontinued after a period of 120 minutes.

Date of Test 19th September 2014

This report may only be reproduced in full. Extracts or abridgements of reports shall not be published without permission of Exova Warringtonfire.

Signatories



Responsible Officer
D. Fitzsimmons*
Testing Officer



Approved
S. Gilfedder
Certification Engineer



Head of Department
S. Hankey *
Operations Manager

* For and on behalf of **Exova Warringtonfire**.

Report Issued

Date : 30th September 2016

This copy has been produced from a .pdf format electronic file that has been provided by **Exova Warringtonfire** to the sponsor of the report and must only be reproduced in full. Extracts or abridgements of reports must not be published without permission of **Exova Warringtonfire**. The pdf copy supplied is the sole authentic version of this document. All pdf versions of this report bear authentic signatures of the responsible **Exova Warringtonfire** staff.