

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:

The fire resistance performance of a specimen of an openable window, tested in accordance with BS EN 1634-1: 2008

Report No: 322122

Prepared for:

Selectron Ltd. Sti.
Halkali Merkez Mah.
Sengul Sok. No:6
34303 K.Cekmece
Istanbul
Turkey

Date: 25th October 2012

Notified Body No:



Summary

Objective To determine the fire resistance performance of specimen of an openable window, mounted within masonry wall construction, when tested in accordance with BS EN 1634-1: 2008.

Test Sponsor **SelectronLtd Ltd. Sti.**
 Halkali Merkez Mah.
 Sengul Sok. No:6
 34303 K.Cekmece
 Istanbul
 Turkey

Summary Of Tested Specimen The window assembly had overall dimensions of 1344 mm high by 1100 mm wide and incorporated a single glazed blade of overall dimensions 1251 mm high by 1022 mm wide (viewed from the exposed side). The blade comprised hardwood framing and beading and was glazed with a single pane of 6 mm thick C3S Pyrocet XPT glass. The blade was hung within a hardwood frame such that it opened towards the heating conditions of the test. The window assembly was mounted within a low density rigid supporting construction.

Test Results:

Integrity performance	Sustained flaming	33 minutes
	Gap gauge	33 minutes*
	Cotton Pad	22 minutes
Insulation performance		2 minutes

*The test duration. The test was discontinued after 33 minutes.

Radiation Performance	5 kW/m ²	10 kW/m ²	15 kW/m ²	20 kW/m ²	25 kW/m ²
	15 minutes	33 minutes**	33 minutes**	33 minutes**	33 minutes**

**Not exceeded during the test duration

Date of Test 1st October 2012

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 Extracts or abridgements of reports shall not be published without permission of Exova Warringtonfire.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
S. Gilfedder*
Testing Officer



Approved
G. Edmonds*
Deputy Operations Manager



Head of Department
S. Hankey*
Operations Manager

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

Report Issued

Date : 25th October 2012

This version of the report 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 Extracts or abridgements of reports must not be published without permission of **Exova Warringtonfire**.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 original signed paper version of this report, which includes signatures in blue ink, is the sole authentic version. Only original paper versions of this report bear authentic signatures of the responsible **Exova Warringtonfire** staff.