

Fife Council Building Services

Gerry Doherty

Our Journey to gaining Test Evidence -Why

**New Build Rosslyn Street
Kirkcaldy**



**New Build Cawdor
Crescent Kirkcaldy**



Development ,Design, Manufacture

Joiners Workshop



Machine shop



Exova Wolverhampton PAS24

Incorporating secure by design 26/10/16



Test of: Single Doorset

Enhanced security performance requirements for doorsets

A Report To:
Fife Council
Bankhead Central, Bankhead Park, Glenrothes, Fife, KY7 6GH

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Testing
Advising
Assuring



registered Office: Exova (UK) Ltd, Leobard Industrial Estate, Newbridge, Midlothian EH20 1PL, United Kingdom. Reg No: SC 12420
This report is issued in accordance with our terms and conditions, a copy of which is available on request.

- Tested to achieve PAS 24 ,Incorporating Secure by Design – Passed
- Tested to BS 6375 – 2 – Operational Strength – Passed
- Tested to BS 6375 – 1 2015 – Weather tightness - Passed

Fire Test Exova Warrington Fire

27th October 2016



Fire Test Exova Warrington Fire

27th October 2016

Test After 20 Minutes



Test After 46 Minutes



Time to get advice

Inside view of Doorsets

Heading in the right direction ?



Fire Test Exova Warrington

11th July 2017



Test in Progress

Doorset A after 38 Minute



Doorset B after 54 minute



Test Discontinued – 68 minutes no further integrity Failures



Disappointed – what next ?

A cup of Tea



Development of Alternative Glazing System

Fife Council Building Services

Fife FD60 Fire Doors

Fife FD60 Fire Door Section Through

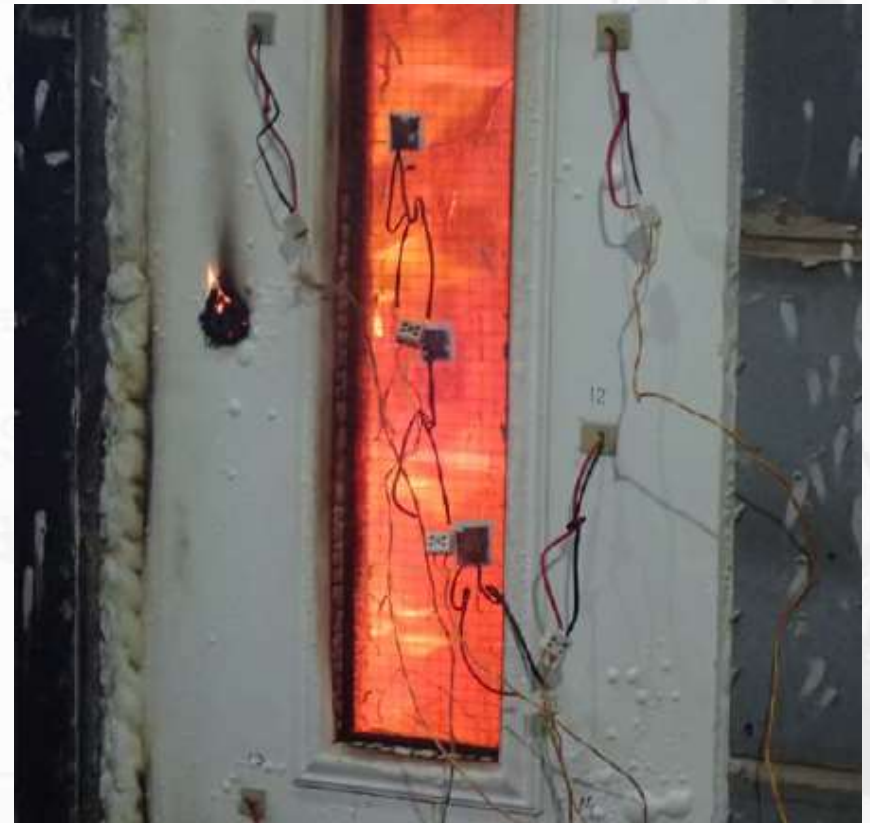


Exova Warrington Fire Test

26th September 2017



Magical 60 Minute mark



Success

Test Results:	Doorset A	Doorset B
Integrity	74 minutes	77 minutes

The test was stopped at 80 minutes

Test date : 26th September 2018

Test sponsor : Fife Council Building Services

Stonemasons Electricians PUB



© The Local Data Company

Training and Development of Staff

- Staff Meetings Prior and after testing
- Quality Control Process – Joiners workshop
- Quality Control Process - Installation Teams
- Installation Training for In House ,Framework contactor and West Lothian Council Fitting Teams

Benefits to Building Services and our Clients

- Sustainable work stream for Joiners Workshop and fitting Teams
- Investment in New Technology – CNC – reduce costs and eliminate air borne dust
- Investment in People – Training Development Employing additional Staff
- Additional opportunities to sustain apprentices

Future Plans

- Continue to develop Fire Doors
- Continue to Invest in New Technology
- Continue to be the Service of Choice for our Clients
- Implementation of a certifier quality management system
- Continue to Invest in people -Apprentices

Future plans cont-

- Continue to develop relationships with Dovetail Enterprises
- Secure orders from External clients –

Fife FD60 Fire Door Sets

- Tested to BS476 PT22 – Exceeds 60 minute fire rating
- PAS 24 2012 Annex A+B – Incorporating Secure by Design
- BS 6375 – 2 – Operational Strength
- BS 6375 – 1 2015 – Weather tightness
- FCS/PEFC – all timber from sustainable forests



For enquires/information regarding Fife FD60 Door Sets, please email Fife Council Building Services at BS.SHQS@fife.gov.uk or telephone **01592 583242**

