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

- 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 FD60 Fire Door Section Through
Exova Warrington Fire Test
26th September 2017
Magical 60 Minute mark
Test Results:

<table>
<thead>
<tr>
<th>Doorset A</th>
<th>Doorset B</th>
</tr>
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<tbody>
<tr>
<td>Integrity</td>
<td>74 minutes</td>
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The test was stopped at 80 minutes.

Test date: 26th September 2018

Test sponsor: Fife Council Building Services
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