

Message

**From:** Ben Bailey [/O=FIRST ORGANIZATION/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BEN]  
**Sent:** 30/03/2015 16:47:15  
**To:** Ray Bailey [Raybailey@harleycw.co.uk]; Kevin Lamb [KevinLamb@harleycw.co.uk]; Mark Stapley [Mark@harleycw.co.uk]  
**Subject:** FW: Grenfell Tower Fire Stopping  
**Attachments:** image006.png; image007.png; image008.jpg; image009.jpg; image010.jpg; image011.jpg; image012.png; TR30032015HCW001.pdf

Still going around in circles..

Best Regards,

Ben



<!--[if !vml]-->

<!--[endif]-->

Ben Bailey | Project Manager  
[REDACTED] | [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)

Harley Curtain Wall Ltd | Office: [REDACTED] | Fax [REDACTED]  
Harley House, Brooklands Park, Crowborough, East Sussex, TN6 2JD  
[harleycurtainwall.com](http://harleycurtainwall.com)



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**From:** "Chris C. Mort" <[chris.mort@siderise.com](mailto:chris.mort@siderise.com)>  
**Date:** Monday, 30 March 2015 16:21  
**To:** Ben Bailey <[benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)>, Ricky Kay <[ricky.kay@siderise.com](mailto:ricky.kay@siderise.com)>  
**Subject:** RE: Grenfell Tower Fire Stopping

Hi Ben,

I have reviewed the drawings sent over and sketch a proposal to alleviate the issues raised by the BCO, also on the second page of the attachment I have highlighted the weak link so to speak in terms of fire and I think the BCO would have also noticed this.

The proposal requires the installation of RH25g 90/60 product in two layers one at the head of the window aligning with the compartment floor and the other at the top of the existing up stand, therefore two layers of 60 minutes protection that overall would provide if tested over 120 minutes protection, at the window locations.

Please note that without specific details of the overall construction of internal linings and or sight of the Fire Strategy for the project I can only offer the proposal above, and as this is a refurbishment I would imagine that the internal linings will remain insitu and made good to openings only, which does not aid the fire strategy.

At the shearwall locations I cannot see any justification for anything other than a cavity barrier at 30/15 rating, so subject to BCO approval you may be able to down grade in these locations

HAR00003947\_0001

HAR00003947/1

I hope this helps in resolving the design detail for the compartmentation on this project.

Kind regards

Chris Mort

**Technical Officer Fire**

**M:** [REDACTED]  
**DDI:** [REDACTED]  
**E:** [chris.mort@siderise.com](mailto:chris.mort@siderise.com)



Siderise Group, Forge Industrial Estate, Maesteg, Bridgend CF34 0AY

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**From:** Ben Bailey [<mailto:Benbailey@harleycw.co.uk>]

**Sent:** 30 March 2015 15:16

**To:** Ricky Kay

**Cc:** Chris C. Mort

**Subject:** Re: Grenfell Tower Fire Stopping

Ricky as discussed the two drawings attached represent section A-A (window head) and B-B (window cill) which can be combined to create C-C, as we don't have a drawn detail to cover what Chris is requesting.

Best Regards,

Ben



**Ben Bailey** | Project Manager  
[REDACTED] | [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)

**Harley Curtain Wall Ltd** | Office: [REDACTED] | Fax: [REDACTED]  
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**From:** Ricky Kay <[ricky.kay@siderise.com](mailto:ricky.kay@siderise.com)>

**Date:** Monday, 30 March 2015 15:02

HAR00003947\_0002

HAR00003947/2

**To:** 'Simon Lawrence' <[slawrence@rydon.co.uk](mailto:slawrence@rydon.co.uk)>, "Chris C. Mort" <[chris.mort@siderise.com](mailto:chris.mort@siderise.com)>, Ben Bailey <[benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)>

**Subject:** RE: Grenfell Tower Fire Stopping

Hi Ben,

To enable us to assess, please see attached mark up of section drawings that are required by my Technical Officer.

Please forward at your earliest convenience. Many thanks

Kind regards

Ricky Kay

**National Façades Manager**

**M:** [REDACTED]  
**E:** [ricky.kay@siderise.com](mailto:ricky.kay@siderise.com)



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**From:** Simon Lawrence [<mailto:slawrence@rydon.co.uk>]

**Sent:** 30 March 2015 14:51

**To:** Chris C. Mort; Ricky Kay; [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)

**Cc:** Sue Sheppard

**Subject:** RE: Grenfell Tower Fire Stopping

Thanks Chris. I'm happy for us as a project team to work through this and question the BC Officer if there is a valid point. But the emotions behind email can easily be misread. If you upset him now over a £10k issue then it could affect me later when trying to get sign off for the whole building and that's a £8.5m issue for me.

Regards

Simon Lawrence, ACIOB, MInstLM

Contracts Manager

**T:** [REDACTED]  
**M:** [REDACTED]

---

**From:** Chris C. Mort [<mailto:chris.mort@siderise.com>]

**Sent:** 30 March 2015 14:46

**To:** Simon Lawrence; Ricky Kay; [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)

**Cc:** Sue Sheppard

**Subject:** RE: Grenfell Tower Fire Stopping

Simon,

Please be assured that my response will only be sent to Ben of Harley CW as they are our client, and that it will be for them to use our response as required, without berating others.

Kind regards

Chris Mort

**Technical Officer Fire**

**M:** [REDACTED]  
**DDI:** [REDACTED]  
**E:** chris.mort@siderise.com



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**From:** Simon Lawrence [<mailto:slawrence@rydon.co.uk>]

**Sent:** 30 March 2015 14:41

**To:** Ricky Kay; [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk); Ray Bailey

**Cc:** [KevinLamb@harleycw.co.uk](mailto:KevinLamb@harleycw.co.uk); [Neil@studioe.co.uk](mailto:Neil@studioe.co.uk); [mark@harleycw.co.uk](mailto:mark@harleycw.co.uk); Simon O'Connor; Sue Sheppard; Chris C. Mort; 'Martin Sexton'

**Subject:** RE: Grenfell Tower Fire Stopping

Ricky / Ben,

I appreciate that there is a discussion and different points of view regarding the cladding firestopping/cavity barrier regs which we can make. However we need to do this constructively and I'd rather not question the BC Officer (John Hoban) in front of everyone on email. Can you please sort this out in private and respond to myself and Neil if you have a valid argument?

Thanks

Simon Lawrence, ACIOB, MInstLM  
Contracts Manager

**T** [REDACTED]  
**M** [REDACTED]

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**From:** Ricky Kay [<mailto:ricky.kay@siderise.com>]

**Sent:** 30 March 2015 14:32

**To:** 'John.Hoban@rbkc.gov.uk'; [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)

**Cc:** [KevinLamb@harleycw.co.uk](mailto:KevinLamb@harleycw.co.uk); [Neil@studioe.co.uk](mailto:Neil@studioe.co.uk); [mark@harleycw.co.uk](mailto:mark@harleycw.co.uk); Simon O'Connor; Simon Lawrence; [Terry.Ashton@Exova.com](mailto:Terry.Ashton@Exova.com); Sue Sheppard; Chris C. Mort; 'Martin Sexton'

**Subject:** RE: Grenfell Tower Fire Stopping

All,

Please can somebody forward over a drawing of the build-up of the cladding so that my Technical Officer can evaluate and forward an official response with a SIDERISE product specification.

Many thanks.

Kind regards

Ricky Kay

**National Façades Manager**

M: [REDACTED]  
E: ricky.kay@siderise.com



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**From:** John.Hoban@rbkc.gov.uk [mailto:John.Hoban@rbkc.gov.uk]

**Sent:** 30 March 2015 14:22

**To:** Sue Sheppard; Ricky Kay; [benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk); [KevinLamb@harleycw.co.uk](mailto:KevinLamb@harleycw.co.uk); [Neil@studioe.co.uk](mailto:Neil@studioe.co.uk); [mark@harleycw.co.uk](mailto:mark@harleycw.co.uk); [SOConnor@rydon.co.uk](mailto:SOConnor@rydon.co.uk); [slawrence@rydon.co.uk](mailto:slawrence@rydon.co.uk); [Terry.Ashton@Exova.com](mailto:Terry.Ashton@Exova.com)

**Subject:** FW: Grenfell Tower Fire Stopping

Dear All,

The Building Regulations 2010 (as amended)  
Grenfell Tower, Grenfell Road, Refurbishment.

Please find detailed below a copy of an email sent to various persons on the 20<sup>th</sup> of March 2015, concerning the topic relating fire stopping of the compartment floors to the building. I would advise you that it is my interpretation of diagram 33 of Approved Document B is that the detail between compartment floors and external cladding is not a cavity barrier, therefore it must be fire stopped to at least the standard of the existing compartment floor [120 minutes]. Therefore the methods described in clause 9.13 would not be appropriate in this particular case

In the meantime should you wish to discuss any other aspects of the project, then please do not hesitate to call me, my direct line contact number is [REDACTED]

Best regards,

John Hoban

**John Hoban**

**Senior Building Control Surveyor**



[john.hoban@rbkc.gov.uk](mailto:john.hoban@rbkc.gov.uk)

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**From:** Hoban, John: PC-Plan  
**Sent:** 20 March 2015 13:22  
**To:** 'Neil Crawford'; Hanson, Paul: PC-Plan  
**Cc:** [slawrence@rydon.co.uk](mailto:slawrence@rydon.co.uk); Kevin Lamb ([KevinLamb@harleycw.co.uk](mailto:KevinLamb@harleycw.co.uk)); Simon O'Connor ([SOConnor@rydon.co.uk](mailto:SOConnor@rydon.co.uk)); Jason North ([jnorth@rydon.co.uk](mailto:jnorth@rydon.co.uk))  
**Subject:** RE: Grenfell

Dear Neil,

The Building Regulations 2010 (as amended)  
Grenfell Tower, Grenfell Road, Refurbishment.

Thank you for returning my call this morning.

Further to my conversation with you today, I would confirm that the *fire time* for the new *Elements of Structure* [ new columns, beams, sections of compartment floor etc.] in Grenfell Tower is 120 minutes, as specified in section 1a of Table A2, Appendix A of Approved Document B.

I would also draw your attention to diagram 33 of Approved Document B and highlight the detail between compartment floors and external cladding. In the meantime should you wish to discuss any other aspects of the project Neil, then please do not hesitate to call me, my direct line contact number is [REDACTED]

Best regards,

John Hoban  
**John Hoban**  
**Senior Building Control Surveyor**  
[REDACTED]  
[john.hoban@rbkc.gov.uk](mailto:john.hoban@rbkc.gov.uk)

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**From:** Neil Crawford [<mailto:Neil@studioe.co.uk>]  
**Sent:** 30 March 2015 12:49  
**To:** Hoban, John: PC-Plan  
**Subject:** RE: Grenfell Tower Fire Barriers

Hi John

Ben Bailey from Harley's is who you might ask for. His phone number is [REDACTED]

Regards  
Neil

---

**From:** Neil Crawford  
**Sent:** 27 March 2015 10:53  
**To:** [john.hoban@rbkc.gov.uk](mailto:john.hoban@rbkc.gov.uk)  
**Cc:** [Terry.Ashton@Exova.com](mailto:Terry.Ashton@Exova.com); [Paul.Hanson@rbkc.gov.uk](mailto:Paul.Hanson@rbkc.gov.uk)  
**Subject:** Grenfell Tower Fire Barriers

Hi John

There has been a lot of conversation on site about the cavity fire barrier requirements to be fitted between the existing concrete external wall panels and the new external rain screen aluminium cassettes.  
Can you please see the proposal by the cladding contractor below and confirm if this is acceptable to you.

Regards  
Neil

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**From:** Ricky Kay <[ricky.kay@siderise.com](mailto:ricky.kay@siderise.com)>  
**Date:** Thursday, 26 March 2015 13:42  
**To:** Ben Bailey <[benbailey@harleycw.co.uk](mailto:benbailey@harleycw.co.uk)>  
**Cc:** Kevin Lamb <[KevinLamb@harleycw.co.uk](mailto:KevinLamb@harleycw.co.uk)>, Mark Stapley >, Sue Sheppard <[sue.sheppard@siderise.com](mailto:sue.sheppard@siderise.com)>  
**Subject:** RE: Grenfell Tower Fire Barriers

Hi Ben,

Apologies for the delay...

Please find below extract from the Approved Document B of the Building Regulations.

**PERFORMANCE OF MATERIALS, PRODUCTS AND STRUCTURES**

**B**

Part of building	Minimum provisions when tested to the relevant part of BS 476 (minutes)			Minimum provisions when tested to the relevant European standard (minutes)	Method of exposure
	Loadbearing capacity	Integrity	Insulation		
15.Cavity barrier	Not applicable	30	15	E 30 and EI 15	Each side separately

Here you can see that it clearly states that 30 minutes fire integrity and 15 minutes insulation is all that is required from a cavity fire barrier. This is reference to rainscreen cladding applications where the cavity barrier is deemed to be on the outside of the building. Our RH25-90/30 will offer 90 minutes fire integrity and 30 minutes fire insulation, therefore exceeds minimum requirements.

120 minute fire rating is generally the industry standard for curtain wall to concrete slab edge firestopping where the firestop is located on the inside of a building and is considered to be a continuation of the floor slab.

Please get in touch if you need anything else from us to enable you to progress with your order, many thanks

Kind regards

Ricky Kay

**National Façades Manager**

M: [Redacted]

E: ricky.kay@siderise.com



Siderise Group, Forge Industrial Estate, Maesteg, Bridgend CF34 0AY

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You can register to vote at <http://www.gov.uk/register tovote>

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