
From: Ben Bailey
Sent: 02 April 2015 09:55
To: Ricky Kay
Cc: Chris C. Mort
Subject: FW: Grenfell Tower Fire Stopping
Attachments: image001.png; image002.jpg; image003.jpg; 1279 SEA (06) 110 - Typical Bay[1].pdf

Morning Ricky,

As discussed please see drawing attached showing the placement of the firebreak at the head of the window. The BCO has agreed to the definition of a cavity so I believe that the 30/15 equivalent product can be used?

Best Regards,

Ben



Ben Bailey | Project Manager
[REDACTED] | benbailey@harleycw.co.uk

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



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From: Simon Lawrence <slawrence@rydon.co.uk>
Date: Wednesday, 1 April 2015 15:46
To: Ben Bailey <benbailey@harleycw.co.uk>, Ray Bailey <Raybailey@harleycw.co.uk>
Cc: Neil Crawford <neil@studioe.co.uk>, Simon O'Connor <SOConnor@rydon.co.uk>
Subject: FW: Grenfell Tower Fire Stopping

Gents,

The Building Control officer is now in agreement with the fire protection in the cladding being a 'cavity barrier' rather a fire stop as first thought.

Good news

Regards

Simon Lawrence, ACIOB, MInstLM
Contracts Manager

T [REDACTED]
M [REDACTED]

From: John.Hoban@rbkc.gov.uk [<mailto:John.Hoban@rbkc.gov.uk>]
Sent: 01 April 2015 09:57
To: Neil Crawford
Cc: slawrence@rydon.co.uk
Subject: RE: Grenfell Tower Fire Stopping
Dear Neil,

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

Thank you for your email and for the attached drawing, showing typical cladding details. The matter has now become more clearer.

I would advise you that I have no adverse comments to make on the proposals shown on your drawing 1279 (06) 110 rev. 00, with regards to compliance with Parts B2 and B3 in Schedule 1 of the building regulations.

I would be grateful if you would forward to me the drawings for the external walls to the boxing club floor, the mezzanine floor and the mezzanine plus one floor, as it my impression that the cladding / floor junction detail for those particular floors defer from that shown on drawing 1279 (06) 110 rev. 00. I would like to review them prior to giving further comments on the cladding.

I look forward to receiving the details in due course.

Best regards,

John

John Hoban

Senior Building Control Surveyor

john.hoban@rbkc.gov.uk

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From: Neil Crawford [<mailto:Neil@studioe.co.uk>]

Sent: 31 March 2015 12:00

To: Hoban, John: PC-Plan

Cc: slawrence@rydon.co.uk

Subject: RE: Grenfell Tower Fire Stopping

Hi John

Unfortunately this problem is not going away.

The subject of fire barriers is raising a lot of concern on site not least because of program and cost. I have forwarded a copy of diagram 33 and the typical floor detail and we are all miffed as to why this detail is not a cavity barrier in this location- please see attached. The relationship between the back of slab and cladding remains the same as the original cladding (concrete) is retained and therefore the integrity of this relationship at floor level has not been affected. The new cladding constitutes an additional layer applied on top not a new floor slab interface and therefore the interpretation is that this constitutes a cavity barrier and not a fire stop. This has now become something of an issue on site due to program bottle neck and so your earliest response to this would be appreciated...

Regards

Neil

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

Sent: 30 March 2015 14:22

To: sue.sheppard@siderise.com; ricky.kay@siderise.com; benbailey@harleycw.co.uk; KevinLamb@harleycw.co.uk; Neil Crawford; mark@harleycw.co.uk; SOConnor@rydon.co.uk; slawrence@rydon.co.uk; 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 20th 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

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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; Kevin Lamb (KevinLamb@harleycw.co.uk); Simon O'Connor (SOConnor@rydon.co.uk); Jason North (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

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

Cc: Terry.Ashton@Exova.com; 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>

Date: Thursday, 26 March 2015 13:42

To: Ben Bailey <benbailey@harleycw.co.uk>

Cc: Kevin Lamb <KevinLamb@harleycw.co.uk>, Mark Stapley >, Sue Sheppard <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

Table A1 continued

Part of building	Minimum provisions when tested to the relevant part of BS 476 ⁽¹⁾ (minutes)			Minimum provisions when tested to the relevant European standard (minutes) ⁽²⁾	Method of exposure
	Loadbearing capacity ⁽³⁾	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

T: [REDACTED] | F: [REDACTED] | W: www.siderise.com

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Right Royal Ride Saturday 25 April

Enjoy a leisurely cycle through the Royal Borough and raise money for local charities.

Have fun at the post cycle celebration in Holland Park – it's the perfect family event.

Register at <http://www.bikeminded.org/whats-on/>

Are you registered to vote? The deadline to register to vote for the UK Parliamentary election is Monday 20 April 2015.

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

The Royal Borough of Kensington and Chelsea.
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