

To: Howard, Stephen[Stephen.Howard@bre.co.uk]
Cc: Tommy Martin (RnD)[thomas.martin@kingspan.com]; Evan Guilfoyle[evan.guilfoyle@kingspan.com]
From: Dave Cookson[/O=KINGSPAN EXCHANGE/OU=KIP/CN=RECIPIENTS/CN=DAVE.COOKSON]
Sent: Fri 16/12/2016 9:37:35 AM (UTC)
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Stephen

Yes the adjustable rail is for the façade to allow it to be straightened if the main steel (and hence the panel) is out of line.

Can be adjusted by +/-12mm.

Kind regards

| **David Cookson**

Kingspan Insulated Panels

Kingspan Ltd

Greenfield Business Park No.2, Holywell, Flintshire, CH8 7GJ, UK.

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From: Howard, Stephen [mailto:Stephen.Howard@bre.co.uk]
Sent: 15 December 2016 17:32
To: Dave Cookson
Cc: Tommy Martin (RnD); Evan Guilfoyle
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Thanks for the e mail – it sounds like things are progressing.

On the adjustable rail what is the range of adjustment and is the carrier rail for the façade system? (that may be obvious, but I need to be sure).

Re the question regarding the test, a test at the maximum thickness will be needed at some point, so if this meets that requirement, it is as good a place to start as any.

Regards.

Stephen Howard

Director – Fire Testing and Certification. BRE Global

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DIC1/2 []

KIN00026313/1
KIN00020513_0001

From: Dave Cookson [<mailto:Dave.Cookson@kingspan.com>]

Sent: 15 December 2016 13:18

To: Howard, Stephen <Stephen.Howard@bre.co.uk>

Cc: Tommy Martin (RnD) <thomas.martin@kingspan.com>; Evan Guilfoyle <Evan.Guilfoyle@kingspan.com>

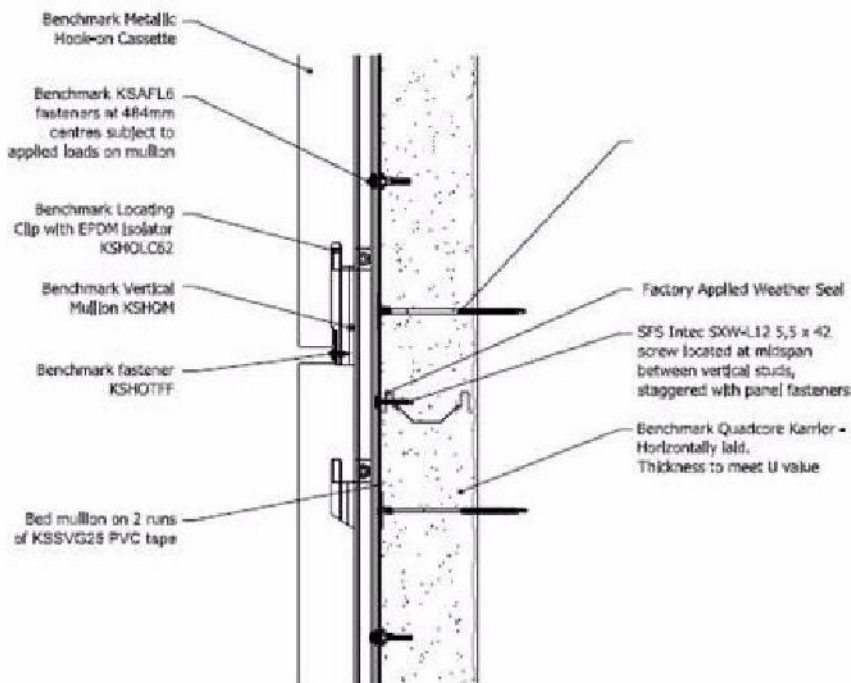
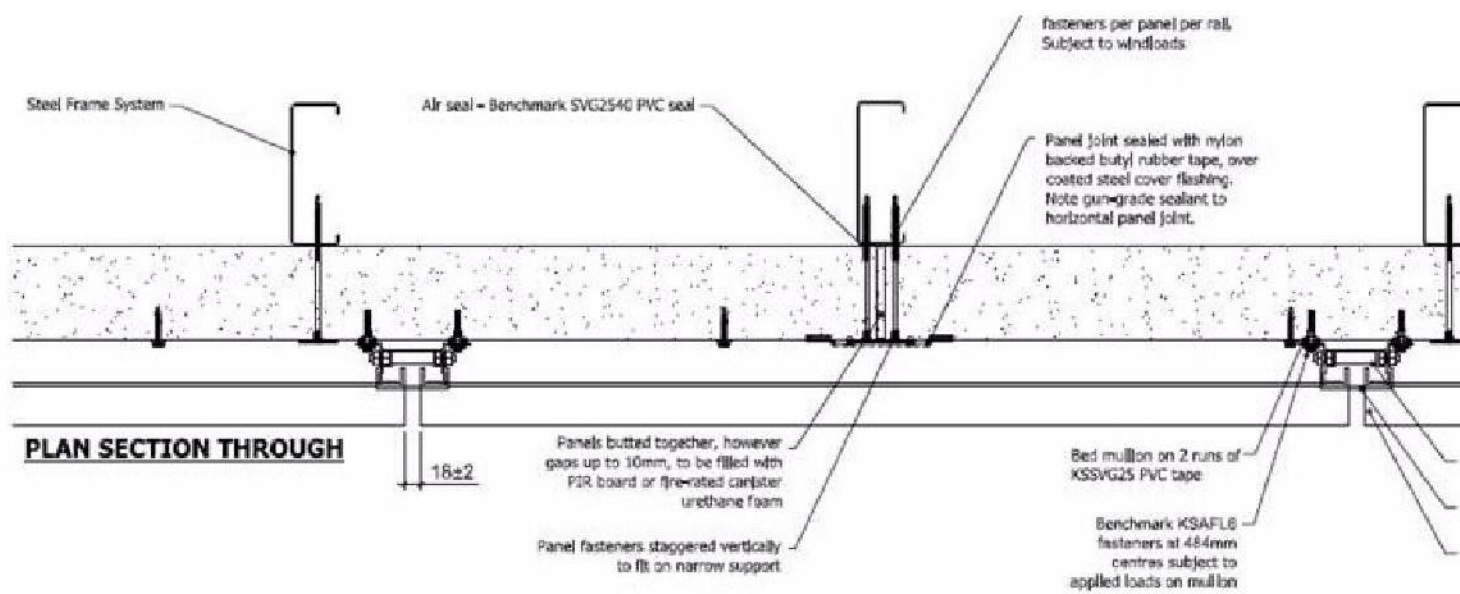
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Hi Stephen

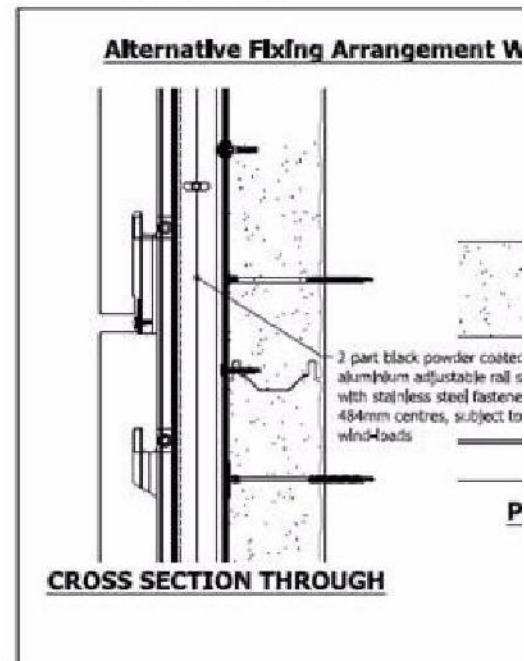
We've received separately a quotation for first test.

Before we press the button:

- 1.) For the HOC system the first test we propose to do is 220mm, i.e. thickest panel. Do you agree this is a good place to start?
- 2.) The other complication is: we want to have the option of introducing an adjustable rail to allow for tolerances. But this will just be an option. We want to have our systems "fire approved" with and without the adjustable rail. Can this be done by introducing the adjustable rail into just one of the system tests?



CROSS SECTION THROUGH



Project	
System: Benchmark Quadcore Karrier and HOC System	
Drawing Title: System Layout	
Drawn By: CHC	Date: 1/11/2016
Drawing: BM QOK HOC Hr SFS-001	Rev: 1,1

Kind regards

| **David Cookson**

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KIN00026313/3
KIN00026313_0000



From: Howard, Stephen [<mailto:Stephen.Howard@bre.co.uk>]
Sent: 02 December 2016 17:18
To: Evan Guilfoyle
Cc: Dave Cookson; Phil Jasper; Mark Jowett; Tommy Martin (RnD)
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Gents,

Our first attempt to cover the range in draft form. The will obviously be changes as we progress through.

I would suggest we have a ½ hour conference call so I can explain the colour coding and logic.

Next week is reasonably sensible for me, so I will await some suggested times.

Regards

Stephen Howard

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From: Evan Guilfoyle [<mailto:Evan.Guilfoyle@kingspan.com>]
Sent: 01 December 2016 14:30
To: Howard, Stephen <Stephen.Howard@bre.co.uk>
Cc: Dave Cookson <Dave.Cookson@kingspan.com>; Phil Jasper <Phil.Jasper@kingspan.com>; Mark Jowett <markjowett@7-solutions.co.uk>; Tommy Martin (RnD) <thomas.martin@kingspan.com>
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Hi Stephen,

Thank you for your email. If you could send on the list of 'must do' tests when you can that would be great.
This will allow us to review what tests are needed and from there we can begin to put together a testing program.

DIC1/2 []

I look forward to hearing back from you.

Kind regards
Evan



From: Howard, Stephen [<mailto:Stephen.Howard@bre.co.uk>]
Sent: 01 December 2016 09:44
To: Evan Guilfoyle
Cc: Dave Cookson; Phil Jasper; Mark Jowett; Tommy Martin (RnD)
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Sorry for the delay. We have been trying to review as a package and this has delayed the process.

There are a number of 'must do' tests in that list. I will get these across to you today / tomorrow – at least that will give you some options to review commercially and start the process.

Regards

Stephen Howard

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From: Evan Guilfoyle [<mailto:Evan.Guilfoyle@kingspan.com>]
Sent: 30 November 2016 08:33
To: Howard, Stephen <Stephen.Howard@bre.co.uk>
Cc: Dave Cookson <Dave.Cookson@kingspan.com>; Phil Jasper <Phil.Jasper@kingspan.com>; Mark Jowett <markjowett@7-solutions.co.uk>; Tommy Martin (RnD) <thomas.martin@kingspan.com>
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Hi Stephan,

I am just following up on the previous emails regarding the Benchmark testing.

Has there been any update on the test requirements?

Kind regards
Evan

Evan Guilfoyle
R&D Engineer

Tel: [REDACTED]
Mob: [REDACTED]
Email: evan.guilfoyle@kingspan.com



From: Mark Jowett [<mailto:markjowett@7-solutions.co.uk>]
Sent: 25 November 2016 10:29
To: Howard, Stephen (Stephen.Howard@bre.co.uk)
Cc: Dave Cookson; Phil Jasper; Evan Guilfoyle
Subject: RE: Benchmark and Buidings with Storey's over 18 Metres

Good morning Stephen,

Dave Cookson is currently on holiday so I'm hoping to keep things moving with regards to the Benchmark accreditations in his absence.

I appreciate you may have advised Dave direct, however I was hoping you could update me on if the test requirements have been finalised as yet?

Look forward to hearing from you at your earliest convenience.

Regards,

Mark Jowett

7solutions

T: [REDACTED]
E: markjowett@7-solutions.co.uk

From: Dave Cookson [<mailto:Dave.Cookson@kingspan.com>]
Sent: 14 November 2016 10:44
To: Howard, Stephen (Stephen.Howard@bre.co.uk) <Stephen.Howard@bre.co.uk>
Cc: Mark Jowett <markjowett@7-solutions.co.uk>
Subject: Benchmark and Buidings with Storey's over 18 Metres

Hi Stephen
Are you able to advise what testing is required yet?
Kind regards

| **David Cookson**

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