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**From:** Ivor Meredith <ivor.meredith@kingspan.com >  
**Sent:** 24 July 2015 13:14  
**To:** Clark, Phil; Howard, Stephen; Smith, Debbie  
**Cc:** Russell, Andy  
**Subject:** FW: Quotation for assessment of Kew Bridge West external wall systems

Stephen / Debbie,

Could we please consider releasing the test information for the partially completed report (we are awaiting the traceability on the mayplas fire barriers as we are going for LPCB on this construction) to allow Andy Russel to acknowledge performance of our insulation in thicknesses up to 140mm.

We would not normally ask however this projects is causing an almighty issue between St. James, Berkley homes and the NHBC. However as stated below the fallout will be a big black mark for combustible materials that follow the alternative method of compliance ie BR 135.

We are slowly educating the NHBC and worked with them and the BCA to produce BCA Technical Note 18 (the June Issue of this document should be available through the BCA website) that promotes BS 8414 and Assessments relating to BR 135. Kingspan foresee a need for a massive amount of assessments over the next 12months however this project is a little tricky as its fallen fowl of their policy change and they have moved the goal posts and are refusing to sign it off without a revised assessment of the façade, even though they originally sanctioned the construction. Kingspan Incidentally were not contractually involved thus was only made aware of the job when it became an issue.

I remain available to discuss but would welcome your assistance to allow this one promptly over the line. Feel free to call me to discuss

Thanks and regards

Ivor J Meredith  
TECHNICAL PROJECT MANAGER

**mob:**  
**direct tel:**  
**direct fax:**



---

**From:** Ivor Meredith  
**Sent:** 24 July 2015 12:59  
**To:** 'Russell, Andy'  
**Cc:** Adam Heath  
**Subject:** RE: Quotation for assessment of Kew Bridge West external wall systems

Andy,

Carea have given us permission to use the CAREA report with systems thus that report cannot be reference in your assessment for Kew Bridge however we have recently passed a 140mm version of the 85mm Terracotta report that your familiar with which is pending as there is a lot of traceability that needs adding to support the LPCB Approval which we are target with this build up

I will write to Darren / Phil and Stephen Howard under separate cover to see if they can release the raw data as this issue could cost someone thousands if they do not get the NHBC to release the CML's.

I will also mention this to Debbie as this could create unnecessary bad press for our products and the alternative method of compliance if not handled promptly.

Thanks for any assistance you can offer to move this forward promptly

Regards

Ivor J Meredith  
TECHNICAL PROJECT MANAGER

mob: [REDACTED]  
direct tel: [REDACTED]  
direct fax: [REDACTED]

---

**From:** Russell, Andy [<mailto:russella@bre.co.uk>]

**Sent:** 07 July 2015 17:45

**To:** Adam Heath

**Cc:** [Lewis.Glynn@stjames.co.uk](mailto:Lewis.Glynn@stjames.co.uk); Derek Jay; [Helen.Cummins@stjames.co.uk](mailto:Helen.Cummins@stjames.co.uk); [bruce.macmillan@stjames.co.uk](mailto:bruce.macmillan@stjames.co.uk); Ivor Meredith

**Subject:** RE: Quotation for assessment of Kew Bridge West external wall systems

Hi Adam

Everything is progressing as planned. I think the only thing that we require is permission from Carea to use their recent report, 302995, as this incorporated the 140mm K15 insulation. The first draft should be by the end of next week at the latest.

Best regards

Andy Russell  
Senior Consultant  
Passive Fire Protection  
For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

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**From:** Adam Heath [<mailto:adam.heath@kingspan.com>]

**Sent:** 07 July 2015 13:57

**To:** Russell, Andy

**Cc:** [Lewis.Glynn@stjames.co.uk](mailto:Lewis.Glynn@stjames.co.uk); Derek Jay; [Helen.Cummins@stjames.co.uk](mailto:Helen.Cummins@stjames.co.uk); [bruce.macmillan@stjames.co.uk](mailto:bruce.macmillan@stjames.co.uk); Ivor Meredith

**Subject:** RE: Quotation for assessment of Kew Bridge West external wall systems

Hi Andy,

Just checking in to see if this assessment is still progressing as planned. I'm guessing that as no further information

has been requested you have everything you need to complete the assessment. Is the first draft still expected to be delivered next week? If you could give us a date for when the first draft will be available it would be much appreciated, due to the time pressures with St James' client.

Thanks for your help!

Kind regards,

Adam Heath

Technical Project Leader

Direct tel: [REDACTED]

---

**From:** Adam Heath  
**Sent:** 02 July 2015 12:29  
**To:** 'Russell, Andy'  
**Cc:** [Lewis.Glynn@stjames.co.uk](mailto:Lewis.Glynn@stjames.co.uk); Derek Jay; [Helen.Cummins@stjames.co.uk](mailto:Helen.Cummins@stjames.co.uk); [bruce.macmillan@stjames.co.uk](mailto:bruce.macmillan@stjames.co.uk); Ivor Meredith  
**Subject:** RE: Quotation for assessment of Kew Bridge West external wall systems

Hi Andy,

Please use PO number 4500055358 for this assessment.

Let me know if you need anything else from us.

Kind regards,

Adam Heath

Technical Project Leader

Direct tel: [REDACTED]

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**From:** Russell, Andy [<mailto:russella@bre.co.uk>]  
**Sent:** 25 June 2015 09:09  
**To:** Adam Heath  
**Cc:** [Lewis.Glynn@stjames.co.uk](mailto:Lewis.Glynn@stjames.co.uk); Derek Jay; [Helen.Cummins@stjames.co.uk](mailto:Helen.Cummins@stjames.co.uk); [bruce.macmillan@stjames.co.uk](mailto:bruce.macmillan@stjames.co.uk); Ivor Meredith  
**Subject:** Quotation for assessment of Kew Bridge West external wall systems

Hi Adam

Please find attached the requested quotation. A draft of the assessment should be ready within two to three weeks at the most. I will review the submitted information over the next day or two and let you know if I require anything else.

Best regards

Andy Russell

Senior Consultant  
Passive Fire Protection  
For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

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**From:** Adam Heath [<mailto:adam.heath@kingspan.com>]  
**Sent:** 22 June 2015 16:08  
**To:** Russell, Andy  
**Cc:** [Lewis.Glynn@stjames.co.uk](mailto:Lewis.Glynn@stjames.co.uk); Derek Jay; [Helen.Cummins@stjames.co.uk](mailto:Helen.Cummins@stjames.co.uk); [bruce.macmillan@stjames.co.uk](mailto:bruce.macmillan@stjames.co.uk); Ivor Meredith  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Hi Andy,

After contact and discussion with St James, Kingspan have agreed to sponsor this report on behalf of St James for the Kew Bridge Road Phase 2 project.

Please could you send over a quote for this project, in addition to confirming the timescale for receipt of the first draft of the assessment?

I have attached elevations (Alucobond cladding highlighted in yellow) and section details for this build. Should further details be required, these will be provided by Derek Jay of Stockwool (copied).

Can you confirm you have everything you need to commence this assessment? I will send you a PO number under separate cover once a quote has been issued.

Kind regards,

Adam Heath

Technical Project Leader

Direct tel: [REDACTED]

---

**From:** Lewis Glynn [<mailto:Lewis.Glynn@stjames.co.uk>]  
**Sent:** 11 June 2015 13:36  
**To:** Adam Heath  
**Cc:** Bruce MacMillan; Helen Cummins  
**Subject:** FW: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Adam,

See below form Kingspan confirming Kew Phase 2 façade is suitable for a desk based assessment.

Can kingspan commission this?

Kind regards,  
**Lewis Glynn**  
Technical Co-ordinator



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**St James Group Ltd**

Kew Bridge West | Project Office| Kew Bridge Road | Brentford | TW8 0EF

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**From:** Russell, Andy [<mailto:russella@bre.co.uk>]

**Sent:** 11 June 2015 11:25

**To:** Lewis Glynn

**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Lewis

I can confirm that an assessment will be possible after examining the latest test data from Alucobond. The cost of the assessment will be £1950 + VAT and the lead time will be four weeks. We can prepare the report more quickly than this if it is required urgently.

I will follow up with a formal quote in the next few days.

Best regards

Andy Russell  
Senior Consultant  
Passive Fire Protection  
For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

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**From:** Lewis Glynn [<mailto:Lewis.Glynn@stjames.co.uk>]

**Sent:** 10 June 2015 10:38

**To:** Russell, Andy  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Andy,

I am told by our architect that Alucobond have contacted you direct to discuss, is this resolved?

Is so we are keen to receive a quote for the desktop study.

Kind regards,  
**Lewis Glynn**  
Technical Co-ordinator

**St James**  
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**From:** Russell, Andy [<mailto:russella@bre.co.uk>]  
**Sent:** 09 June 2015 09:55  
**To:** Lewis Glynn  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Hi Lewis

We would need test evidence that the core of the panel was of limited combustibility. The test evidence that is listed on the technical data sheet is for the whole panel including the external aluminium facings.

Best regards

Andy Russell  
Senior Consultant  
Passive Fire Protection  
For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

**T:** [REDACTED] **M:** [REDACTED] **F:** [REDACTED] **E:** [russella@bre.co.uk](mailto:russella@bre.co.uk) **W:**  
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**From:** Lewis Glynn [<mailto:Lewis.Glynn@stjames.co.uk>]  
**Sent:** 05 June 2015 16:38  
**To:** Russell, Andy  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Hi Andy,

Thanks for your time on the phone.

See attached datasheet for alucobond panel with fire classification Class A2-s1,d0.

Is this class suitable for a desktop study?

Regards,  
**Lewis Glynn**  
Technical Co-ordinator

**St James**  
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**From:** Lewis Glynn  
**Sent:** 05 June 2015 09:14  
**To:** 'Russell, Andy'  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Andy,

Yes, the insulation will be the K15 fixed to CP boar and infill within the metsec.

Are you able to quote for a desktop study on this basis?

Regards,  
**Lewis Glynn**  
Technical Co-ordinator

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**From:** Russell, Andy [<mailto:russella@bre.co.uk>]  
**Sent:** 05 June 2015 08:32  
**To:** Lewis Glynn  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Lewis

Just to confirm, this is an aluminium panel with no insulation. Is this correct?

Best regards

Andy Russell  
Senior Consultant  
Passive Fire Protection  
For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

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**From:** Lewis Glynn [<mailto:Lewis.Glynn@stjames.co.uk>]  
**Sent:** 04 June 2015 18:03  
**To:** Russell, Andy  
**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Andy,

See attached detail of the aluminium Alucobond panel. Is this all you need?

Regards,  
**Lewis Glynn**  
Technical Co-ordinator



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**From:** Russell, Andy [<mailto:russella@bre.co.uk>]

**Sent:** 04 June 2015 13:58

**To:** Lewis Glynn

**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Lewis

What is the construction of the Alucobond panels that you are proposing to use?

Best regards

Andy Russell

Senior Consultant

Passive Fire Protection

For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

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**From:** Lewis Glynn [<mailto:Lewis.Glynn@stjames.co.uk>]

**Sent:** 04 June 2015 11:59

**To:** Russell, Andy

**Subject:** RE: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Andy,

Many thanks for the response, would either of the above assessments cover the Alucabond requirements?

Kind regards,

**Lewis Glynn**  
Technical Co-ordinator

**St James**  
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**From:** Russell, Andy [<mailto:russella@bre.co.uk>]

**Sent:** 04 June 2015 11:01

**To:** Lewis Glynn

**Subject:** FW: 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Lewis

I've had a quick look at the proposed systems and I think the one with the brick façade can be assessed in a desktop assessment providing that you have suitable test data for the Rockwool SP60 fire barriers. The one with the Alucobond façade may be more problematic. In order to assess this system we will require BS 8414 test data for Kingspan Kooltherm K15 when used with a similar façade system, i.e. aluminium cladding panels.

Best regards

Andy Russell  
Senior Consultant  
Passive Fire Protection  
For and on behalf of BRE Global

BRE Global Limited, Bucknalls Lane, Watford, Hertfordshire, WD25 9XX

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**From:** Lewis Glynn [<mailto:Lewis.Glynn@stjames.co.uk>]

**Sent:** 29 May 2015 09:23

**To:** BRE Group Customer Services

**Subject:** 92997 :FAO: Steve Manchester - Desktop Study of Facade insulation K15

Dear Steve,

Could I please receive a quote for a desktop study to clear our NHBC condition for Kingspan K15 insulation:

2. The proposed use of combustible elements within the external wall construction has been identified. With the exception of masonry cavity walls that comply with Diagram 34 in Section 9 of Approved Document B - Volume 2 to the Building Regulations, for a building with a floor level 18m or more above ground level, Section B4 of Approved Document - Volume 2 recommends that only materials of limited combustibility should be used.
- An acceptable method of demonstrating compliance is by providing evidence in accordance with BCA Guidance Note 18 - Use of Combustible Cladding Materials on Residential Buildings (copy attached). This provides guidance on three possible methods of demonstrating compliance as follows:
- Option 1 - the use of materials of limited combustibility as defined in Table A7 of Approved Document B2.
  - Option 2 - Submit evidence to NHBC that the complete proposed external cladding system has been assessed according to the acceptance criteria in BR135 - Fire Performance of External Thermal Insulation for Walls of Multistorey Buildings. Any required testing should have been carried out by an independent UKAS accredited testing body and the BR135 Classification Certificate issued from the same testing body.
  - Option 3 - If no actual fire test data exists for a particular system; submit a desktop study report from a suitably independent and qualified body stating whether, in their opinion, the above BR135 criteria would be met with the proposed system.
- A101, A102, A103, A104, A105, A106, A107, A201, A202, A203, A204, A205, A206, A207, A301, A302, A303, A304, A305, A306, A307, A401, A402, A403, A404, A405, A406, A407, A501, A502, A503, A504, A505, A506, A507, A601, A602, A603, A604, A605, A606, A607, A701, A702, A703, A704, A705, A706, A707, A801, A802, A803, B101, B102, B103, B104, B105, B201, B202, B203, B204, B205, B301, B302, B303, B304, B305, B401, B402, B403, B404, B405, B501, B502, C1, C101, C102, C103, C104, C105, C2, C201, C202, C203, C204, C205, C3, C301, C302, C303, C304, C305, C401, C402

In addition, as recognised by Approved Document B - Volume 2, fire safety engineering can provide an alternative approach to fire safety and the Approved Document refers to British Standard BS 7974, Fire safety engineering in buildings and supporting published documents (PDs) as providing a framework and guidance on the design and assessment of fire safety measures in buildings

\*\*\*\*\*

See attached information on Façade. We have one block over 18m and two main façade details (Brick and Rainscreen aluminium panel)

Kind regards,  
**Lewis Glynn**  
Technical Co-ordinator



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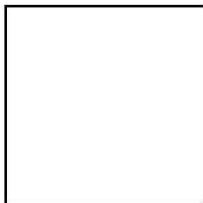
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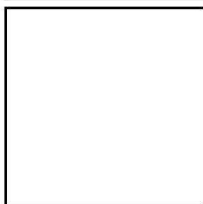
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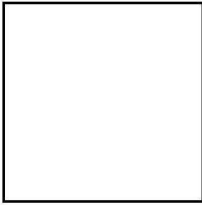
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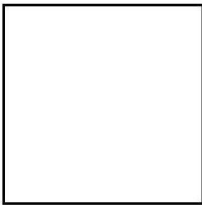
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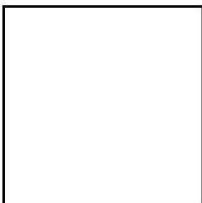
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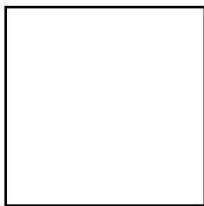


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