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**From:** Graham Perrior <GPerrior@NHBC.co.UK>  
**Sent:** 04 February 2015 08:30  
**To:** Tony Millichap  
**Cc:** Richard Burnley; Ivor Meredith  
**Subject:** RE: Voicemail

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Tony.

Thank you for the update, very much appreciated.

I will respond shortly.

Regards

Graham Perrior  
Standards & Technical Manager

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**From:** Tony Millichap [mailto:tony.millichap@kingspan.com]  
**Sent:** 03 February 2015 17:08  
**To:** Graham Perrior  
**Cc:** richard.burnley@kingspan.com; Ivor Meredith  
**Subject:** RE: Voicemail

Dear Graham,

As promised I have summarised our current position with respect to Kooltherm K15 above 18m, I apologise for the brief format necessary due to short notice.

Firstly it is important to reiterate Kingspan continue to support Kooltherm K15 as fit for purpose in its intended application. The importance of the product is not underestimated by Kingspan this being underlined by your comment the product is currently specified in excess of 400 projects to NHBC's knowledge. Similarly we are aware of its intended use and where consulted provide very significant resource in supporting each and every project team to help demonstrate suitability.

As discussed today our test programme with BRE continues unabated, our aim is to where practical establish outer limits of some of the test variables to allow better interpretation against specific projects. It should be realised this presents some real challenges in terms of cost but more importantly availability, cycle time and the sheer myriad of variables. This includes three successful BS 8414 tests, one onto a masonry substrate (Part 1), a combustible and non-combustible cladding system onto a steel frame (BS 8414 part 2). Further to this we are expanding the scope of our

work with project specific assessments via Arup and the BRE which include alternative façade systems including traditional brick and various different claddings, alternative fire barriers, sheathings and filled stud frames fillings.

In our view the regulatory framework surrounding the application and solutions leaves some real holes in how to determine compliance, this highlights to Kingspan the importance of the Fire Engineers role in providing project specific assessment is key. We should not forget AD Part B requires all components used within the external wall build up (not just insulation) should be of limited combustibility unless large scale test evidence can be provided.

In addressing some of your specific queries around how to handle various aspect of Kooltherm K15's performance we continue to engage with ARUP and will keep you informed with progress.

Finally we would welcome the opportunity for a meeting to help determine how we can assist further. As confirmed previously and within the spirit of our ongoing co-operation we would request 14 days prior notice of any NHBC announcements concerning Kooltherm K15 to the wider industry. Please do not hesitate to contact me if I can be of further assistance.

Regards

Tony Millichap  
Head of Technical  
Mobile [REDACTED]

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**From:** Graham Perrior [<mailto:GPerrior@NHBC.co.UK>]  
**Sent:** 03 February 2015 12:47  
**To:** Ivor Meredith; Tony Millichap  
**Subject:** RE: Voicemail

Ivor

Thank you for the update, I will get back to you regarding the invitation to your facility and the new full fill insulation product.

In the interim I confirm having a telephone conversation with Tony earlier and look forward to receiving a written update as promised, clearly setting out how Kingspan Insulation Ltd propose to resolve the current issues regarding the use of the Kooltherm K15 Rainscreen Insulation Board in facades over 18m.

As mentioned to Tony, I would appreciate this information today as it is the subject of discussion at tomorrow's NHBC Board meeting.

I look forward to your early reply.

Regards

Graham Perrior  
Standards & Technical Manager

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**From:** Ivor Meredith [<mailto:ivor.meredith@kingspan.com>]  
**Sent:** 03 February 2015 10:45  
**To:** Graham Perrior; Tony Millichap  
**Subject:** Voicemail

Hi Graham,

My apologies for not picking up your call yesterday, however I have just spoke to Tony whom has also picked up a message from you.

He will be calling you back if that is Ok?

The invite to our facility still stands therefore if you could propose some possible dates Tony and I can check our diaries later today. As discussed Richard Bromwich is now our Sales Director however he would like to attend if possible.

Also as mentioned before we are looking to trial our new full fill insulation product on an NHBC site thus if you could advise who the best person to speak to is or what your policy on such matters is that would be great.

Please feel free to call and discuss.

Yours faithfully for Kingspan Insulation Ltd

Regards

Ivor Meredith

Technical Project Manager

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