

From: Ivor Meredith <ivor.meredith@kingspan exchange.com>
Sent: Wednesday, November 12, 2014 10:23 PM
To: Shaun Morris <shaun.morris@kingspan.com>
Subject: RE: K15 LL Trial boards

I have a sample and it's definitely not the standard 25micron face.

K15 is the biggest product in the business at the moment and this project has been half my work life for the last two years so I'm not going to be wrong on this...(although prepared to be proven wrong).

Dan please provide the batch number that you used for the SBI test, and the left over product from the last test.

Can you send the email from Jayne as well when you checked this earlier to save Shaun some time.

I would do it myself however I;m having email nightmares at the moment

Thanks Regards

From: Shaun Morris
Sent: 11 November 2014 11:23
To: Ivor Meredith
Subject: RE: K15 LL Trial boards

Hi Ivor,

We have produced a few different K15 80mm's this year just trying to confirm which one is which. Do you have the batch number of the product that was used in the below test?

Thanks,
Shaun

From: Ivor Meredith
Sent: 10 November 2014 21:53
To: Gwyn Davies; Linzi Hobbs; Malcolm Rochefort; Ruud Zeggelaar
Cc: Adrian Pargeter; Tony Millichap; Shaun Morris
Subject: RE: K15 LL Trial boards

Sorry Gwyn I didn't read the following part of your mail.

There must be some confusion here and I apologise if you have confirmed outside of this email trail before however I must have missed it.

I'm adamant that the test performed on the Terracotta rainscreen which was the last successful BS 8414-2 test was built using what I was told was a 50micron foil which was perforated on one side and not perforated on the other. We have however been unable to get a data sheet out of lamtec as I was told these were trial products.

I have a sample in my office of what was used in the test and its definitely not fabricated of the standard thickness facing, its much thicker. Also following the successful BS 8414-2 test we performed an SBI test on the '50micron' sample and achieved the B-s1-dO classification (I much better result than we would expect to achieve on solstice or a 25micron faced material) and Linzi confirmed the SAP number for the '50' micron facer on request.

Also it was agreed within the K15 meeting that the next test would utilise the standard 25micron facer. I know this because I disagreed with the approach.

If I'm wrong then my main focus for the past 8 months has been on incorrect information which is a worry.

Regards

Ivor

From: Gwyn Davies
Sent: 10 November 2014 21:10
To: Ivor Meredith; Linzi Hobbs; Malcolm Rochefort; Ruud Zeggelaar
Cc: Adrian Pargeter; Tony Millichap; Shaun Morris
Subject: RE: K15 LL Trial boards

Hi Ivor,

Can't seem to be able to get to the link????

I believe we do have 100mm K15 available immediately (100% Solsice) and some 110mm K15 available ([REDACTED] solstice [REDACTED]) immediately that gives us a far better cost base.

Both the above options are with 25 Micron Unperforated, and I'll say again that the last **80mm K15 tested successfully was also a 25 Micron Unperforated foil this has been confirmed.**

Thanks

Gwyn

From: Ivor Meredith
Sent: 10 November 2014 20:27
To: Gwyn Davies; Linzi Hobbs; Malcolm Rochefort; Ruud Zeggelaar
Cc: Adrian Pargeter; Tony Millichap; Shaun Morris
Subject: K15 LL Trial boards

Gwyn / Linzi,

I have a façade test opportunity running at the same time as the 150mm test with a French façade manufacturer whom makes a product with a similar burning profile to Trespa ;

There SBI test video is on the link belowit's not very positive but you never know and if it did pass it would seriously help our story....

Télécharger

They are requesting 110mm K15.. I do have the possibility to steer this but would like to know what options we have ASAP - thanks

I understand Ruud is making at the end of the week but if we can make use of anything we have already this could save us some money. Ruud is it possible to call me after the trial to let me know how it went or do you need to wait to see if the board survives?

Linzi / Gwyn

Can you please confirm what if anything we have in stock of the following LL PF.

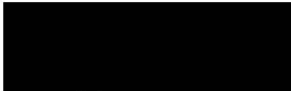
- a) with the 50micron unperforated facer as used in the successful BS 8414-2 testing
- b) with unperforated 25micron facer.

Thanks for your time

Regards

Ivor J Meredith
TECHNICAL PROJECT MANAGER

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From: Ivor Meredith
Sent: 27 October 2014 10:31
To: Gwyn Davies; Linzi Hobbs; Dan Ball
Cc: Adrian Pargeter; Tony Millichap; Shaun Morris
Subject: Re: 150 K15 trial

Sorry Gwyn I missed your previous mail. Currently we are looking at last week in November. Actual burn date TBC

I want to send the insulation this week. I need to order the metal work for the specific size thus I was waiting on confirmation of test product.

Test date is very much dependant on build completion.

If delaying by a couple of weeks meant we could have a maximum thickness we need to seriously consider this.

Can you provide the location of the product so I can get it labelled up for transit. I also need to make sure it does not state 'trial' on the label.

Dan once you have sorted the materials for the TEK test I need some labels printing up for this work. We will also be splitting off an SBI test as well thus be labelling some of the order off for Carol Rock and main bit for Phil Clark.

From: Gwyn Davies
To: Ivor Meredith
Cc: Linzi Hobbs; Adrian Pargeter; Gwyn Davies; Tony Millichap; Shaun Morris
Sent: Mon Oct 27 08:29:32 2014
Subject: Re: 150 K15 trial
When's the next fire test - has the date been confirmed as yet?

Thanks

Gwyn

Sent from my iPad

On 27 Oct 2014, at 07:59, Ivor Meredith <ivor.meredith@kingspan.com> wrote:

Have you done external 'cone' tests as well?

Is the 150mm product in a suitable shape for the test?

If it burns out quicker this is the property we need surely?

How many tests is this theory based on?

Thanks

From: Linzi Hobbs
To: Ivor Meredith; Adrian Pargeter; Gwyn Davies; Tony Millichap
Cc: Shaun Morris
Sent: Sat Oct 25 19:23:33 2014

Subject: Re: 150 K15 trial

Hi Ivor,

The 150mm made by Tiel was crystallised, as can happen with Solstice blown foam and it was always a risk.

We have looked at the boards, carried out lab fire testing and cone calorimetry.

The lab fire tests indicate that the more friable the foam the quicker it burns and the more material is lost through foam being propelled from the sample whilst burning. The friable foam however did seem to extinguish sooner.

The initial cone results suggest the 150mm ignites much quicker and releases more heat. The 150mm cracked open more readily allowing more sample to burn.

We do not have the full come report as yet, however given the information from the two separate sources, I think that we should be looking at using the double layer of 100mm for the next BS8414 testing.

Enjoy the rest of your weekend.

Regards,
Linzi

From: Ivor Meredith

To: Linzi Hobbs; Adrian Pargeter; Gwyn Davies; Tony Millichap

Cc: Tony Millichap

Sent: Fri Oct 24 18:45:06 2014

Subject: 150 K15 trial

I have been advised the 150mm K15 trial is not useable this is very bad news

Do we have QC data on the 100mm and 50mm and is it the same as the 80 and 85mm products previously tested

Thanks

Ivor J Meredith

TECHNICAL PROJECT MANAGER

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