

Kingspan Insulation Limited  
Torvale Industrial Estate  
Shobdon  
Herefordshire  
HR6 9LA

Attention Dan Ball

19 February 2016  
Your Ref. 4500063564  
Our Ref. P100160-1002-3

Dear Sir

#### CLASS 0 CLASSIFICATION

We are writing to provide a classification on your sample as described in Table 1 below against the performance criteria for Class 0 as given in The Building Regulations 2010, Fire Safety, Approved Document B, 2006 Edition incorporating 2010 and 2013 amendments and the reports referenced in Table 2 should be read in conjunction with this letter.

The product was stated to be:

Table 1

<b>Test sponsor</b>	Kingspan Insulation Limited Torvale Industrial Estate Shobdon Herefordshire HR6 9LA
<b>Manufacturer of sample</b>	As above
<b>Sample name/reference</b>	Samples of the K15, KD, K18 and K17 Blank Insulation Board facer SAP number 1963
<b>Sample description (as provided by test sponsor/manufacturer)</b>	<ul style="list-style-type: none"><li>• Lamtec Foil facing</li><li>• 0.38mm thick</li><li>• 176 g/m<sup>2</sup> - Weight per unit area</li><li>• Foil/silver colour</li></ul>

The specimen achieved the following reported results

**Table 2**

Test method	Test laboratory	Report reference	Date	Test results
BS 476 Part 7: 1997	BRE Global	P100160-1002-1	10 February 2016	Class 1
BS 476 Part 6: 1989 + A1: 2009	BRE Global	P100160-1002-2	19 February 2016	Fire propagation index (I) = 1.8 Sub-index (i <sub>1</sub> ) = 1.7

**The Building Regulations 2010, Fire Safety, Approved Document B, 2006 Edition incorporating 2010 and 2013 amendments**

**Appendix A, Performance of materials and structures, Paragraph 13 :-**

'The highest National product performance classification for lining materials is Class 0. This is achieved if a material or the surface of a composite product is either;

- a. composed throughout of materials of limited combustibility; or
- b. a Class 1 material which has a fire propagation index (I) of not more than 12 and sub index (i<sub>1</sub>) of not more than 6.

Note: Class 0 is not a classification identified in any British Standard test.'

In our opinion the data presented in the reports detailed in Table 2, for the product described in Table 1, satisfied the requirements of Class 0 as defined above. This opinion is issued on the basis of test data and information to hand at the time of issue. If contradictory evidence becomes available to BRE Global the opinion will be unconditionally withdrawn and the applicant will be notified in writing.

The specification and interpretation of fire test methods is the subject of ongoing development and refinement. Changes in associated legislation may also occur. For these reasons it is recommended that the relevance of test reports over 5 years old should be considered by the user. The laboratory that issued the report will be able to offer, on behalf of the legal owner, a review of the procedures adopted for a particular test to ensure that they are consistent with current practices, and if required may endorse the test report.

The test samples were supplied by the client. BRE Global were not involved in the sample selection process and therefore cannot comment upon the relationship between samples supplied for test and the product supplied to market.

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This letter may only be distributed in its entirety and in accordance with the terms and conditions of the contract. Test results relate only to the items tested. BRE Global have no responsibility for the design, materials, workmanship or performance of the product or items tested. This report does not constitute an approval, certification or endorsement of the product tested.

This letter is written on behalf of BRE Global. By receiving the letter and action on it, the client accepts that no individual is personally liable in contract, tort or breach of statutory duty (including negligence). No third party has any right to rely on this report.

If you have any queries please do not hesitate to contact us.

Yours sincerely,



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Associate Director  
For and on behalf of BRE Global