

**From:** Philip Heath <philip.heath@insulation.kingspan.com>  
**Sent:** Thursday, May 7, 2009 3:22 PM  
**To:** Malcolm Rochefort <malcolm.rochefort@insulation.kingspan.com>  
**Subject:** RE: LABC System Approval Certificate for Kingspan Kooltherm K15 Rainscreen Board

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We can be very convincing when we need to be, we threw every bit of fire test data we could at him, we probably blocked his server, in the end I think the LABC convinced themselves Kooltherm is the best thing since sliced bread. We didn't even have to get any real ale down him !  
Phil

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**From:** Malcolm Rochefort  
**Sent:** 07 May 2009 16:10  
**To:** Philip Heath  
**Subject:** RE: LABC System Approval Certificate for Kingspan Kooltherm K15 Rainscreen Board

Out of curiosity, which fire test result(s) did we use to get this?  
Regards,  
Malcolm

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**From:** Philip Heath  
**Sent:** 07 May 2009 15:08  
**To:** KIL - PB TECHNICAL SERVICES; KIL - CB TECHNICAL SERVICES; KIL - PB BUSINESS DEVELOPMENT; KIL - PB EXTERNAL STRUCTURAL DIVISION; KIL - PB EXTERNAL ROOFING DIVISION; John Garbutt; Peter Morgan  
**Cc:** Chris Guest; Pat Freeman (Insulation); Jim Loughran; Tommy McCabe; Steven Huxham; Peter Wilson; Malcolm Rochefort  
**Subject:** LABC System Approval Certificate for Kingspan Kooltherm K15 Rainscreen Board

GREAT NEWS !

Please find attached **Local Authority Building Control** Approval for K15 Rainscreen Board.

What is LABC Approval?

Under agreement by all local authorities in England and Wales, design approvals for 'building types' and 'building systems' can be issued by one local authority and accepted by all other local authorities providing there are no changes in design, implementation, construction or site specific variables. This approval covers compliance with the Building Regulations. A register of approved designs is kept by LABC to enable local authority building control officers to look up and check design approvals.

Benefits:

Having a building type (housing, commercial, or industrial) or a complete building element - a "system" - approved by LABC means that it can be used without the full plans approval process happening repetitively around the country at each site. This saves time and money for developers, designers, engineers, contractors and builders.

The highlight of this Certificate and supporting documentation is the Requirement under B4 of AD B – External Fire Spread. *'Since K15 can be considered a **material of limited combustibility**, it is suitable in all situations shown on Diagram 40 of Approved Document B Volume 2, including those parts of a building more than 18m above ground. In the latter circumstances, the cladding system and the substrate to which the insulation is applied must also meet the requirement for limited combustibility. Where the substrate is a metal-framed wall system rather than masonry or concrete, non-combustible lining board must be specified to the external face of the metal frame wall (e.g. calcium silicate board or similar performing).* N.B. This statement does not differ from anything KIL states.

K15 remains the only insulation board that has successfully met the requirements of the BBA and LABC System Approval.

All the relevant documents surrounding the LABC System Approval Certificate are attached.

Special thanks go to **Andrew Pack** for his consistent endeavors driving this forward with the LABC and for the time being this should complete the tool kit for K15 Rainscreen Board.

In the event you require further information on this please contact either Andrew or myself.

Regards

Phil