

## K15 enquiries

| Steps | Details of stage  |
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| 1     | For standard enquiries, send standard documentation BBA, product literature and LABC approvals.   |
| 2     | <p>For requests on detailed enquiries on test data and approvals.</p> <p>Request from customer following information if not provided in the enquiry:</p> <ul style="list-style-type: none"> <li>• Dimensions of rainscreen cladding</li> <li>• Rainscreen cladding manufacturer</li> <li>• The backing board ( to comply with test data – refer to below)</li> <li>• The steel frame dimensions</li> <li>• Plasterboard thickness and type</li> <li>• If mineral wool between the steel framing type and performance</li> <li>• Cavity barrier strategy</li> <li>• When would this be installed on site</li> <li>• Elevations</li> <li>• Height of wall</li> <li>• M<sup>2</sup> area of the wall</li> <li>• Correspondence from whom is questioning the specification of K15</li> </ul>  |
| 3     | Consult with the project team   |
| 4     | <p>On a approval from project team, send the below information:</p> <p><b>We are using the text below when the NHBC are asking for confirmation that K15 is suitable for use onto a SFS above 18metres. The paragraph highlighted in yellow can be amended to suit the project – if you have anything you feel we should add or remove please let me know.</b></p> <p><b>Can we keep a note of the projects we send this text out on and get the ASM to confirm if and when we get the order.</b></p> <p>Further to our previous discussions with regards to the above mentioned project, and the use of Kooltherm K15 within the ventilated rainscreen facade system, in a building with a storey of 18 metres or more above ground level, we can confirm the following.</p> <p>It is our opinion that our Kooltherm K15 product would be fit for purpose if installed onto a non-combustible substrate, with horizontal cavity barriers installed at centres not exceeding 3.5m.</p> <p>The details we have reviewed of your project show Kooltherm K15 fitted onto sheathing board. To be in line with our test evidence and the LABC Registered detail RD165 Kingspan Insulation Limited require that K15 is mounted onto a non-combustible substrate; this can be achieved with either a masonry layer, calcium silicate or often more affordable magnesium oxide / silicate boards onto an Steel frame system.</p> <p>Kingspan Insulation Limited have tested Kooltherm K15 successfully to BS 8414-1 (BRE Test report 220876), in this test the Kooltherm was fitted onto a non-combustible substrate behind a non-combustible cladding system. The information is provided in good faith and in recognition of the restrictive nature of the regulatory demands of this application. Our assessment is intended to best inform Building Control Professionals in order that a decision can be made to its appropriateness or as evidence towards compliance via a fire engineering approach as allowed by Approved Document B. Ultimately the success of the specification depends on Building Control acceptance.</p> <p>Kingspan Insulation Limited intend to embark on a test program to further extend the scope of use for Kooltherm K15 in high rise facades, therefore we would appreciate feedback on any combustible cladding systems that you are typically adopting in high rise buildings.</p> <p>We trust that the foregoing information is of assistance and in the event of any further queries please do not hesitate to contact the undersigned.</p> |

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| 5 | <p>If the customer requires further information or clarification, please forward enquiry to the project team on e-mail. Ensure the advisors follows up the enquiry.</p> <p>KIL - PB TECHNICAL PROJECTS</p> <p>KIL - PB TECHNICAL HELPDESK</p> |
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