



CERTIFICATE CS/1004-1

U Value Competency Scheme

This is to certify that a Certificate of Competency is issued to:

Certificate holder:

Kingspan Insulation Limited
Pembroke
Herefordshire
HR6 9LA

Individual:

Gareth Mills
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The BBA has issued this Certificate of Competency to the above company in recognition of the company and the individual(s) stated within the Certificate as being in compliance with the scheme document *BBA/TIMSA Scheme for Calculation Competency Part 1 – U value and condensation Risk*. The Competent Person has been judged for competence in the methods listed below.

Calculation method(s)

| | | |
|--------------------------|-----------------------------------|-------------------------------------|
| The combined method | BS EN ISO 6946 : 2007 | <input checked="" type="checkbox"/> |
| U value conventions | BR 443 : 2006 | <input checked="" type="checkbox"/> |
| Floors | BS EN ISO 13370 : 2007 | <input checked="" type="checkbox"/> |
| Steel frames | BRE Digest 465 : 2002 | <input checked="" type="checkbox"/> |
| Metal skin Z walls/roofs | BRE IP 10/02 : 2002 | <input type="checkbox"/> |
| Metal roof/wall cladding | SCI Information Sheet P312 : 2002 | <input checked="" type="checkbox"/> |
| Condensation risk | BS 5250 : 2011 Annex D | <input checked="" type="checkbox"/> |
| | BS EN ISO 13788 : 2012 Section 6 | |
| | BS EN 15026 : 2007 | <input type="checkbox"/> |

Elements covered

| | Walls | Roofs | Floors | Basements |
|---------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Masonry | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Timber | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Steel | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Calculator Type

Fabcalc 2.05h

Signed on behalf of the British Board of Agrément:

Date of Second issue: 17 April 2013

John Albon — Head of Approvals
Energy and Ventilation

Claire Curtis-Thomas
Chief Executive

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