

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

## YBS ThermaQuilt

### Description of Product

This is an assessment of ThermaQuilt Multi Layer insulation blanket as an insulation material for roofs walls for use in both new build and refurbishment. The insulation is made up of layers of metallic foil and wadding connected by double T plastic clips to avoid thermal bridging. For use in slate and tile roofs of dwellings and buildings with similar temperature and humidity conditions designed and constructed in accordance with the relevant clauses of BS5534 or use in timber frame, dry lining and masonry external walls as long as these are designed and constructed in accordance with the relevant clauses of BS 5268 and BS 5628.



### Key Factors Assessed

- ☐ Safety in case of Fire
- ☐ Health, Hygiene and Environmental
- ☐ Energy Economy and heat retention
- ☐ Durability serviceability and identification

### Validity

This certificate was first issued on 24<sup>th</sup> September 2015 and is valid until 24<sup>th</sup> September 2022.

Issue Dated 6<sup>th</sup> January 2020

## Scope of Registration

Use in dwellings and buildings with similar temperature and humidity conditions and correctly detailed tiled or slated pitched roofs with a slope no less than 20° and no greater than 70° designed and constructed in accordance with the relevant clauses of BS 5534. Not to be exposed to organic solvents or plasticisers or in correctly installed masonry and/or timber frame and/ or discontinuous weather resistant cladding on external cavity or solid walls which have been designed and constructed in accordance with the relevant clauses of BS 5268 and BS 5628.

## Conditions of Certificate

The technical guide and website lists use as floor insulation in addition to wall and roof insulation but no third party supporting documentation was provided for this use.

To be used in accordance with manufacturers and test data.

Cavities to be maintained as guidance.

**In line with the amendments to Building Regulation 7 (2) which came into effect on December 21 2018, this product cannot be used on any relevant building with a storey at least 18m above ground level and which contains one or more dwellings; an institution; or a room for residential purposes (excluding any room in a hostel, hotel or a boarding house). This includes student accommodation, care homes, sheltered housing, hospitals and dormitories in boarding schools. For more information on the changes to Regulation 7 please click here -**

**[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/760341/AD\\_7\\_v2\\_amend\\_2.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/760341/AD_7_v2_amend_2.pdf)**

LABC consider that, YBS ThermaQuilt, will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



### The Building Regulations 2010 (as amended) England & Wales

AD B	Fire safety
Note:	B3(4) Internal fire spread (structure) Walls, combustible materials are permitted by the regulation. Roofs, Junctions between roofs and compartment walls must be fire stopped. The insulation must not be carried over junctions between roofs and walls required to provide a minimum period of fire resistance.
AD C	Site Preparation and resistance to contaminants and moisture
Note:	The product can adequately resist the passage of moisture (Walls) provided the wall is constructed in accordance with BS 5268-2, BS 5268-5, BS 5628-3 , BS 8212 (Roofs) to the underlying structure provided the roof is constructed in accordance with BS 5534 and the requirements of this certificate.
AD J	Protection of the building from heat producing appliances
Note:	In order to comply with this Regulation, the product shall be adequately separate, or shielded from a chimney, flue, fireplace recess, heat producing appliance or hearth. The separations recommended where appropriate, are detailed in AD J.
AD L1B	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the element of the building. Roofs constructed using the product can be designed and constructed to provide a U-value of no greater than 0.20 W.m <sup>2</sup> K
Regulation 7	Materials and workmanship
Note:	The product is acceptable



### The Building Regulations 2010 (as amended) England

AD L1A	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the element of the building.



### The Building Regulations 2010 (as amended) Wales

AD L1A	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the element of the building.



### The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at [www.labss.org](http://www.labss.org)

## Non-Regulatory Information



### LABC Warranty

The use of the YBS ThermaQuilt has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to [technical.services@labcwarrantv.co.uk](mailto:technical.services@labcwarrantv.co.uk)

## Supporting Documentation

Kiwa BDA Agreement BAW 15-046/01/C 4/9/2015

Kiwa BDA Agreement BAW 15-044/01/C 25/3/2015

ThermaQuilt Technical guide YBS V1 01/2015

BS 5268-2-2002 Structural use of Timber Code of Practice for Permissible Stress Design Materials and Workmanship

BS 5628 Part3 2001 Code of practice for the use of masonry materials and components, design and workmanship

BS 5268-5 1989 Structural use of Timber Code of practice for the Preservative Treatment of Structural Timber

BS 8212 1995 Code of Practice for drylining and partitioning using gypsum plasterboard

BS EN 13914-1 2005 Design, preparation and application of external rendering and internal plastering

BS 5534: 2003 +A1: 2010 Code of practice for slating and tiling

BS 5250: 2011 Code of practice for control of condensation in buildings

BS EN ISO 6946: 2007 Building components and building elements –Thermal resistance and thermal transmittance-Calculation method

BS EN 16012: 2012 Thermal insulation for buildings-Reflective insulation product-Determination of the declared thermal performance

Building Regulations 2010 (as amended) Approved Documents

## Contact Information

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