

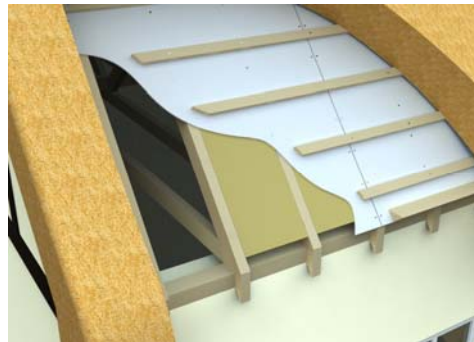
This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

## Thatch Fireboard System

### Description of Product

This is an assessment of the Thatch Fireboard System for use in thatched roofs.

The system comprises TAS100 Thatch Fireboards (8mm environmentally friendly, magnesium-oxide board) installed over the rafters prior to the installation of a traditional thatch roof covering. Thatchbatts® (noncombustible, resin bonded, mineral Rockwool slabs) are installed between the rafters and can be supported on the Thatchbatt® Wired Fixing System. A suitable vapour control layer (VCL) must be installed according to manufacturer's instructions and, if required, a pre-determined internal finish layer.



### Key Factors Assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention

### Validity

This certificate was first issued on 5<sup>th</sup> January 2017 and is valid until 5<sup>th</sup> January 2018

Issue Dated 5<sup>th</sup> January 2017

## Scope of Registration

The Thatch Fireboard System is designed to meet the criteria as recommended by Building Control for both spread of flame and penetration. A typical thatched new build incorporates a minimum of 300mm thatch laid on 50 x 25mm battens at 300mm centres with the first batten 125mm from the arris rail at the bottom of the roof over a breather membrane, 8mm thick TAS100 Thatch Fireboards (installed smooth face upwards) fixed with nails or screws to the top of rafters. All joints between boards to be filled with an intumescent sealant using a caulking gun. Thatchbatts® (non-combustible semi-rigid insulation slabs) are installed between rafters and can be supported with the Thatchbatt® Wired Fixing System (1mm wire secured by 10mm staples to rafters, 14mm staples to old/soft timber). A suitable vapour control layer (VCL) and internal finish (plasterboard/skim) to be installed to the underside to the rafters.

Example U value calculations have been provided for an existing project showing conformity with target U value of 0.18 W/m<sup>2</sup>K in Approved Document L1B (England) and 0.15 W/m<sup>2</sup>K (Wales) recommended in Approved Document L1B England and Wales. The examples show compliance with AD L with no risk of interstitial condensation. Bespoke calculations will be provided to suit individual site circumstances, a condition of this detail.

The Thatch Fireboard System has classification BROOF (t4) under test to BS EN13501-5:2005+A1:2009.

The Thatch Fireboard System has classification AC under test to BS476: Part 3:2004 - (NB: Test carried out under thatch)

Thatch Fireboard only has classification AA under test to BS476: Part 3:2004. - (NB: Test not carried out under thatch)

Rockwool Ltd produce Thatchbatts® under strict licence for Thatching Advisory Services and are registered under ISO 9001: 2008 (Quality Management System) for the design, development and manufacture of man-made mineral fibre insulation products for thermal, acoustic and fire protection applications for the domestic, industrial and marine markets.

## Conditions of Certificate

Installation to be in strict accordance with manufacturer's instructions, guides and recommendations and supported by relevant u-value calculations and condensation risk analysis.

The specific roof construction is to be verified to enable appropriate solution and bespoke U value calculations to be provided to suit individual site circumstances.

Counter battens must not be used to prevent possible chimney effect in case of fire.

Thatch should ideally be fixed with thatching screws to prevent potential damage to fire barrier.

Smoke alarm installation should extend into the roof space as recommended in Approved Document B.

It is advised that the guidance in the "Dorset Model" available on the LABC website is followed [https://www.labc.co.uk/sites/default/files/labcpd0914\\_techg\\_thatched\\_buildings\\_0.pdf](https://www.labc.co.uk/sites/default/files/labcpd0914_techg_thatched_buildings_0.pdf). These systems assist in achieving compliance with this guidance.

The guidance in Approved Document J is to be followed.

LABC consider that, Thatch Fireboard System 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

Regulation 7	Materials and workmanship
Note:	The system can contribute to meeting this requirement subject to limitations detailed in Conditions section.
AD B	Fire Safety
Note:	The system is acceptable.
AD C	Resistance to Moisture
Note:	The system can contribute to meeting this requirement subject to limitations detailed in Conditions section.
AD L1	Conservation of Fuel and Power
Note:	The system can contribute to meeting this requirement subject to limitations detailed in Conditions section.



## The Building Regulations 2010 (as amended) England

AD L1	Conservation of Fuel and Power
Note:	The system can contribute to meeting this requirement subject to limitations detailed in Conditions section.



## The Building Regulations 2010 (as amended) Wales

AD L1	Conservation of Fuel and Power
Note:	The system can contribute to meeting this requirement subject to limitations detailed in Conditions section.



## 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**  
Pending Assessment

## Supporting Documentation

BRE - CEN-TS 1187:2012 Test 4  
BRE - BS EN13501-5:2005+A1:2009  
BRE - BS476: Part 3: 2004 - (Thatch Fireboard System)  
BRE - BS476: Part 3: 2004 - (Thatch Fireboard only)  
BRE - Vapour Permeability Test  
TAS - Thatch Fireboard MSDS - Version 3  
TAS - COSHH Assessment Thatch Fireboard System - Issue 2  
TAS - Thatch Fireboard Specification Sheet  
TAS - Thatch Fireboard System Complete - Version 4  
BSI - Thatchbatt® - Certificate of Conformity  
BSI - Thatchbatt® - ISO9001 Certificate  
Thatchbatt® - Trade Mark Certificate  
Thatchbatt® - Specification Sheet  
ISO Certificate Registration No: QA1C/CN/111220 - A issued 2014  
NCRB1038 – Woodcroft – U value & condensation risk analysis  
RWCM3608 – TAS UK – Honeysuckle Cottage – U value & condensation risk analysis  
RWCM3521 – TAS UK – Church Cottage – U value & condensation risk analysis

## Contact Information

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