

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

## Boulder Developments Superfoil SFTV

### Description of Product

This is an assessment of Superfoil SFTV, a reflective membrane used to provide a vapour control layer in walls and flat and pitched roofs.

It will also contribute to the thermal insulation performance of the element.

It comprises Polypropylene reinforced laminated foil. It is supplied 50mm in a roll width of 1.5 metres of lengths 25 and 50 metres.



### Key Factors Assessed

- Mechanical Resistance & Stability
- Durability serviceability and identification
- Vapour Resistance

### Validity

This certificate was first issued on 27<sup>th</sup> March 2019 and is valid until 27<sup>th</sup> March 2020

Issue Dated 27<sup>th</sup> March 2019

## Scope of Registration

This assessment covers factors associated with Building Regulations compliance. This is in relation to its use as a vapour control layer in the construction and alteration of dwellings in conjunction with plasterboard linings. SFTV is one product in a range produced by Boulder Developments. It forms the outer layers of some of the company's multifoil insulation products.

## Conditions of Certificate

The product acts as a vapour control layer having a typical water vapour resistance of  $1200 \text{ MN}\cdot\text{s}\cdot\text{g}^{-1}$  in accordance with BS EN 1931 : 2000. All VCL joints should have an overlap of at least 50 mm and be covered with 100 mm self-adhesive reflective foil tape.

The sealing of the joints around openings such as windows and ventilation pipes should be completed with self-adhesive reflective foil tape to maximise the vapour tightness of the VCL. Particular attention should be paid to the fastening of any penetrations through the products.

SuperFoil SFTV has a reaction to fire classification of class E (behind plasterboard), in accordance with BS EN 13501-1 : 2007. Elements containing the product must incorporate cavity barriers in accordance with the relevant provisions of the Building Regulations. Consideration must be given to part J requirements when installing the products in close proximity to some flue pipes and/or heat-producing appliances.

Care must be taken in the overall design and construction of junctions with other elements and openings to minimise air infiltration

In all cases the product should be used strictly in accordance with the manufacturer's guidance.

The product requires other insulation products to meet required U values.

For Scotland purposes:

Section 6 Energy: Appropriate thermal analysis will be provided in each instance to demonstrate continued compliance with Mandatory Standards 6.1 and 6.2.

The product shall be manufactured and installed strictly in accordance with the manufacturer's instructions, in accordance with the certificate holder's instructions and fully in accordance with the accredited certification and supporting test reports.

The specifications and materials referred to have been assessed and approved in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic and Non-Domestic Technical Handbooks which came into force with effect from 1 July 2017.

Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this registered detail.

The materials specified shall not be changed without first gaining approval so to do. Failure to do so will invalidate the registered detail.

This Registered Detail should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005. It supports the site-specific building warrant submission required in every case.

LABC and LABSS consider that, Boulder Developments Superfoil SFTV 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 product is acceptable.

AD C2(c)                                  Resistance to Moisture

Note:                                      The product is acceptable.



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

None presently.



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

None presently.



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

Technical Handbooks - Domestic

Regulation 8                              Durability, workmanship and fitness of materials

0.8.5:    Ways of establishing the fitness of materials

Regulation 9                              Building Standards applicable to construction

Note:    Construction shall be carried out so that the work complies with the applicable requirements of schedule 5.

Mandatory                                  Building insulation envelope  
Standard 6.2

Note:    The product will achieve the required U-value provided they are installed and constructed in accordance with the manufacturer's details.

## Non-Regulatory Information



### LABC Warranty

This product confirms to the Functional Requirements of the LABC Warranty Technical Manual.

## Supporting Documentation

BBA Agrément Certificate 18/5575 Product Sheets 1 (walls) and 2 (roofs) Dated 26<sup>th</sup> September 2018

BTTG Report Ref: 10/22552

BTTG Report Ref: 11/17950 Dated 18<sup>th</sup> March 2013

BTTG Report Ref: 11/18250 Dated 16<sup>th</sup> September 2013

BTTG Report Ref: 11/18675/A Dated 10<sup>th</sup> April 2014

Fraunhofer Test Report ref: P14-272e.2/2015 Dated 29<sup>th</sup> June 2016

BDA KEUR Report : 0103-L-12/1 Dated 4<sup>th</sup> June 2012

## Contact Information

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