



# Certificate No: EWW42B



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

## TLX Gold Multi Foil

### Description of Product

TLX Gold Multi Foil is an insulating breather membrane. It is for use in new build and refurbished roofs.



### 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 23<sup>rd</sup> July 2010 and is valid until 4<sup>th</sup> April 2019

Issue Dated 4<sup>th</sup> April 2018

## Scope of Registration

This Registered Detail relates to TLX Gold Multi Foil Insulating breather membrane. It is for use in new build and refurbished roofs and must be installed in strict accordance with the manufacturer's details. To achieve the minimum requirements of Approved Document L, a secondary insulation product will be required unless relaxations apply.

Insulation Product Type	1	
Test Method	ISO 8301:1991	
Thermal conductivity ( $\lambda$ )	0.038	W/m/k
Emissivity	0.16	
Water vapour resistance	0.5	MNs/gm
Fire performance	Class E	
Product Thickness	33	mm
Core RD value (thermal resistance)	0.850	M2K/W
Core RD value with 1 air spaces	1.21	M2K/W
Air space thickness	13	mm
Direction of heat flow when tested	Vertical	
Width	1.2	m
Weight	900	g/m <sup>2</sup>
Roll length	10	m

## Conditions of Certificate

The insulation should not be carried over the junctions between roofs and walls required to provide a minimum period of fire resistance.

Installation to be in strict accordance with manufacturers guides and recommendations and supported by relevant U-value calculations incorporating material thermal properties as declared.

Appropriate thermal analysis will be provided in each instance to demonstrate continued compliance with Approved Document L 2010 / 2013. To achieve the minimum requirements of Approved Document L, a secondary insulation product will be required unless relaxations apply.

Ventilation of the space between the TLX Gold and the outer roof covering is not required for air-open coverings such as clay or concrete tiles and rough natural slates. Smooth slates and sealed roof coverings such as metal roofs require additional ventilation as per BS 5250:2011.

LABC consider that, TLX Gold Multi Foil, 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 products are acceptable.
AD B	Fire Safety
Note:	The products can contribute to meeting this Requirement subject to limitations detailed in Conditions section.
AD C	Resistance to Contaminants and Moisture
Note:	The products can contribute to meeting this Requirement subject to limitations detailed in Conditions section.
AD L	Conservation of Fuel and Power
Note:	The products can contribute to meeting this Requirement subject to limitations detailed in Conditions section.



## 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)

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

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

## Supporting Documentation

BBA Test Report No 5837 Emissivity Test Report 3rd March 2009

BTTG Fire Technology Services Test Report 27/031346B/06/08 – Fire Test Report

TLX Gold 8th July 2008

BTTG Testing & Certification Ltd Ref 11/13845/PJH – Water vapour transmission test report 5th March 2009

The University of Salford Test Report TT08/165 TLX Gold (Multi Foil Insulation) Thermal Resistivity Test

U Value Calculations – Web Dynamics LTD

Trade Literature, Product information (Product details and practical application) TLX Technical Manual – TLX Multi Foil insulation product literature, standard details and technical information (Version 2011.1)

## Contact Information

Web Dynamics Ltd

Moss Lane

Blackrod

Bolton

Lancashire

BL6 5JB

Tel: 01204 695 666

Email: [tlx@webdynamics.co.uk](mailto:tlx@webdynamics.co.uk)

Web: [www.webdynamics.co.uk](http://www.webdynamics.co.uk)