



Certificate No: EWW42A



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 Silver Multi Foil

Description of Product

TLX Silver Multi Foil Insulation is for use in new build and refurbished roofs, and timber frame and masonry walls.



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 23rd July 2010 and is valid until 4th August 2020

Issue Dated 13th May 2020

Scope of Registration

This Registered Detail relates to TLX Silver Multi Foil Insulation. It is for use in new build and refurbished roofs, and timber frame and masonry walls. The product 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 8302:1991	
Thermal conductivity (λ)	0.033	W/m/K
Emissivity	0.05	
Water vapour resistance	740	MNs/gm
Fire performance	Class D	
Product Thickness	30	mm
Core RD value (thermal resistance)	0.91	M2K/W
Core RD value with 1 air spaces	1.81	M2K/W
Air space thickness	13	mm
Direction of heat flow when tested	Vertical	
Width	1.2	m
Weight	545	g/m ²
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.

LABC consider that TLX Silver 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

Non-Regulatory Information



LABC Warranty

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

Supporting Documentation

BBA Agreement Certificate 06/4379 (Thinsulex Silver & TLX Silver for Timber Frame & Masonry Walls).

BBA Test Report No 5957 TLX Silver & TLX Silver FB Insulation (Emissivity) BTTG Fire Technology Fire Test Report TLX Silver 3rd March 2008

BBA Test Report No 5908A Thinsulex Silver (Thermal Resistance)

Chiltern International Fire Test Report Ref Chilt/A08118 TLX Multi Foil Insulation fire test report (timber frame wall construction)

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

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