

This certificate is valid for building regulations and associated technical guidance in force at the time of the registration and for the regulations in Scotland only

Leka Replacement Roof Systems

Description of Product

Leka systems is a solid tiled roof systems company. They do not install the products, they are manufactured by certified fabricators around the UK for onward sales on a job by job basis to retail companies.

The system is predominantly offered as an alternative to a glass roof or polycarbonate roof for conservatories. This can also be used for single story extensions.



Key factors assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Energy, Economy and Heat Retention
- Durability serviceability and identification

Validity

This certificate was first issued on 11 May 2018 and is valid until 10 May 2019
Issue Date: 11 May 2018

Scope of Registration

The LEKA Replacement Roof Systems rely on other construction products, materials and components to form a complete roof; overall compliance will, therefore, be dependent on final specification and site specific assessments.

The system weight is directly comparable to a glass roof depending on tile covering used.

The "U-value" achieves 0.15W/m²C.

There is no timber used within our system and no corrosive parts within our main system.

The system has a flat roof alternative for flat roof installations and orangery kit which are included in the Registered Detail

Conditions of Certificate

Site specific construction details will be required.

The products must be installed in accordance with the LEKA Installation guide.

Roof assessments for LABSS Registration does not consider the wall frame or foundations; these are subject to SER certification.

Rafter spacing and span are dependent on location and ring beam spans dependent on roof pitch and rafter spacing.

The Installation Company must provide SER certification to the verifier for both the roof structure and the supporting walls and foundations.

The assessment under this Registered Detail specified only Metrotile or Tapco tiles on the pitched roof and uses an EPDM covering only to the flat roof. Any deviations from these specifications shall negate the Registered Detail. The Tapco and Metrotile are limited in use in severe exposure locations to a roof pitch over 20 degrees.

The products used as components of the system shall be manufactured and installed strictly in accordance with the installers 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 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.

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

That 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.

This Registered Detail shall contribute to compliance with relevant Mandatory Standards specified under the Building (Scotland) Regulations 2004 as amended when read with the Scope of Registration and the Conditions of Certificate Sections to this Registered Detail.

Regulations



LABSS consider that Leka Replacement Roof Systems will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met.

The Building (Scotland) Regulations 2004 (as amended)

Technical Handbooks – Domestic and Non-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

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

Mandatory Standard 1.1 Structure

1.1.0 Introduction

1.1.1 General

1.1.2 Loading

1.1.3 Design and construction

Note: This standard is subject to site specific assessments and the acceptance of the registered detail for any given project must remain conditional on the wider suitability of the existing building and its environs, including local wind loadings and conditions. This suitability must be established by carrying out a thorough assessment of the building. This assessment must form part of the design and specification process to be carried out by Leka Replacement Roof System installers or their approved contractors for the project, and if it identifies that the building is not suitable to receive the Leka Replacement Roof System, then this Registered Detail should not be considered applicable.

The system is acceptable, subject to a structural assessment in relation to the existing building and the provision of structural certification of the holistic building comprising the conservatory and new roof.

Mandatory Standard 2.8 Spread from neighbouring buildings

Note: The system is acceptable provided it is constructed in accordance with the manufacturer's details.

Mandatory Standard 3.10 Precipitation

Note: The system is acceptable provided it is constructed in accordance with the manufacturer's details and by an accredited contractor.

Mandatory Standard 3.15 Condensation

Note: The system is acceptable provided it is constructed in accordance with the manufacturer's details and by an accredited contractor.

Mandatory Standard 6.2 Building insulation envelope

Note: The system will achieve the required U-value provided it is constructed in accordance with the manufacturer's details and by an accredited contractor.

The Building Regulations 2010 (as amended) England & Wales

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If you would like to discuss a specific use of the product in England it will require an additional assessment under the English Building Regulations and accordingly you should contact the LABC

The Building Regulations 2010 (as amended) Wales

If you would like to discuss a specific use of the product in Wales it will require an additional assessment under the Welsh Building Regulations and accordingly you should contact the LABC Cymbru

Supporting Information

All supporting information to this certificate can be supplied by the manufacturer / installer and includes these primary documents:

- [leka-system-orangery-installation-guide-v05.pdf](#)
- [1654 Carbon Fibre Orangery.pdf](#)
- [leka-system-installation-guide-v13.pdf](#)
- [SBC150507 - Leka Roof System - Condensation Risk Analysis.pdf](#)
- [SBC150507 - Leka Roof System U-Values.pdf](#)
- [Edwardian Gable Report Final.pdf](#)
- [Edwardian Hip End Report Final.pdf](#)
- [Lean To Report Final.pdf](#)
- [Victorian Hip End Report Final.pdf](#)

Contact Information

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