

LivingROOF

by ultraframe

LivingROOF is a cost effective, simple to fit pre-packaged solid roof kit that is aimed at the replacement of tired conservatory roofs.

Based on the Ultraframe Classic glazed roof technology it's familiarity to surveyors and fitters is one of its main strengths.

LivingROOF substantially overcomes – for the consumer – the twin issues of the conservatory being too hot in summer and too cold in winter. Moreover, it creates a beautiful vaulted plastered ceiling inside and with a stepped detail at the eaves using the LivingROOM perimeter pelmet system, the perfect place for cables and spotlights.

For those consumers who still want an element of light through their new solid roof, the clever configurable technology allows the fitment of multiple glass panels – this can be a major consideration for the adjacent room that the consumer needs to consider.

Please read this document carefully along with the Classic Roof Surveyors Guide to ensure you are familiar with LivingROOF specification.

For assistance with LivingROOF design/specification please contact the Technical Support team on 0843 208 6953 or techsupport@ultraframe.co.uk

IMPORTANT - NOTE 1

The installer is responsible for ensuring that where LivingROOF is supported by means such as timber frame walls, the structure provides enough lateral support and resistance to wind uplift. Further guidance can be obtained through this guide's technical documentation. Ultraframe cannot be responsible for the structural adequacy of any existing building work used as part of an overall conversion. While assistance is provided, ultimate responsibility to secure Building Regulations lies with the retail installer. **IF IN DOUBT ABOUT STRUCTURAL COMPLIANCE, PLEASE CONSULT LABC, JHAI OR A STRUCTURAL ENGINEER**

IMPORTANT - NOTE 2

This guide is intended to provide indicative information and to help you understand the design principles and applicable loadings. U-Design (see across) is the final arbiter on price and specification decisions.

IMPORTANT - NOTE 3

The LivingROOF components have been designed and manufactured to meet the specification of each individual job. Any significant on site modifications particularly relating to the repositioning of any structural members will invalidate the product's warranty and compromise the structures integrity. If adjustments are required due to site conditions please consult Ultraframe.



Using this System Overview & Design Guide

Reading this guide early in the design/quotation process may save time later and more importantly the consumer may not have the budget to proceed. Careful pre-sales survey/checks can ease the process – undertaking a pilot hole dig alongside the base for example and inviting the Local Authority building inspector (or other Approved Building Control Inspectors like Ultraframe's partner Jhai). You may be able to charge the consumer a 'deposit' for this inspection, redeemed if the project goes ahead.

This is what you receive with LivingROOF

- Classic roof in RAL7016 'matt effect'
- 90mm High Performance PU board insulation, cut to all shapes.
- 25mm High Performance PU board insulation as secondary layer.
- Black Marley Classic gutter.
- High performance sealed units

(Not supplied - resin anchors and plasterboard)

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OVERVIEW

Product definition

LivinROOF is purpose designed for the replacement of tired glazed conservatory roofs. Externally it uses the familiar Classic roof painted in RAL7016 urban grey and glazed with insulated solid panels. Internally it uses two separate insulation layers (provided). At the eaves, the LivinROOM engineered steelwork ladder system is used - all internal roof surfaces are then plaster boarded (See below for specification, not supplied) before being plaster skimmed.



RAL7016 urban grey
'matt effect'.

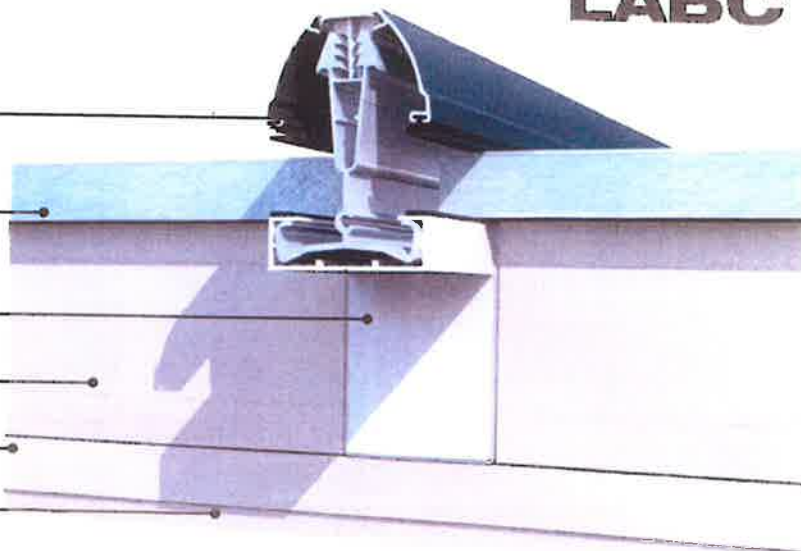
Insulating solid panel

Classic roof features an insulated
bolstered glazing bar

90mm High Performance PU board insulation

25mm High Performance board insulation

12.5mm Gyproc Wallboard Duplex T/E plasterboard,
finished with Thistle Finishing Plaster



Key performance criteria

- A pre-packaged solid roof that can be configured to suit virtually any existing conservatory roof that is to be converted.- variable pitches and differential pitches no problem.
- LivinROOF is based on BBA certified Classic roof chassis, the first glazed roof with this important third party accreditation and the only solid roof replacement product based on a BBA certified platform.
- LABC Registered Details demonstrate compliance with Building Regulations.
- Ultraframe has partnered with Jhai, Approved Building Control Inspectors. In England and Wales they can undertake Building Regulation inspections for a uniform approach across all localities. See separate brochure for Jhai information and application form.
- U value of 0.18 W/m²K – warm roof, vaulted ceiling
- Features LivinROOM pelmet system set at 350mm projection (ability to vary projection too), better finishing detail at eaves and perfect for cables and lights.
- Glass panels can be integrated to maintain light into any adjacent room – no additional cost to swap solid panels for high performance glazing.
- Everything is pre-fabricated in our highly efficient factory to ensure rapid one day fit on site.
- On a 4m x 4m Georgian, the system weight is 31kg/M² including plasterboard (12kg/m² polycarbonate roof and 30kg for a glass roof).

Building Regulations or not?

Ultraframe takes a responsible position and recognises that this glazed to solid conversion activity means the conservatory is no longer exempt. Checks should be made on the structural integrity of the frames and base before conversion takes place. Ultraframe recommends various techniques to check/upgrade existing frames/bases. LivinRoof can also be used in new extensions.

U-Design

U-Design is a piece of design and configuration software that exclusively specifies LivinROOF. As well as visualising and pricing, upon entry of the customers postcode it checks the wind and snow loads at the exact location to ensure realROOF comply's with Building Regulations.

It is strongly recommended that the LivinROOF Installation guide is read at the same time as this System Overview Design Guide

To see how LivinROOF is installed, watch this video:
<http://bit.ly/livinRFvideo>

