



**Leka System**



# WARM ROOF DIVISION

Replacement tiled roofs that will transform your conservatory into a functional and stunning space - a space meant for living in!

**Transform your conservatory** with the Warm Roof Division into an all year round living space. Our tiled roof systems undergo thorough testing and are subject to extensive research – producing a compliant, resilient product which is compatible with all roof styles. The truly lightweight GRP system is unique to the industry and can weigh as little as 9.9kg per m<sup>2</sup>. Its insulation values are in compliance with current building regulations and boast a 0.15 U-value. Custom tiles are tailored to your existing conservatory frame and provide you with a welcoming living space free from wind and rain noise, leaks and extreme temperature fluctuations.



**MODERN & STYLISH**





**GABLES**

With a Gable-end Warm Roof, the front of the roof doesn't slope back to the centre. The Gable-Front of the Warm Roof adds style, maximises light coming into the room, all whilst the vaulted ceiling gives the room a feeling of space.







## EDWARDIANS

Edwardian Warm Roofs have a rectangular floor to maximise on space. A vaulted ceiling creates the illusion of space above. A Warm Roof Division Edwardian becomes a blend of modern and traditional – making it ideal for a multitude of homes.





## VICTORIANS

Victorian Warm Roofs are a period shape of a conservatory and can be found in both rural and urban homes. Sometimes referred to as Victorian sun-rooms, they offer vaulted ceilings with a faceted or rounded front appearance.







## COMBINATIONS

A Combination Warm Roof offers flexibility based on your requirements, combining different styles of roof to fit the shape you need. Why not combine a Gable or Edwardian front with a Lean-To to give a B-shaped Warm Roof – or maybe you'd prefer a T or a P shape?





## ORANGERIES

Orangeries will transform the look and appeal of your home. A Warm Roof Division Orangery is the most modern and efficient way for you to enjoy both the indoors and outdoors, whilst retaining a light and warm conservatory.



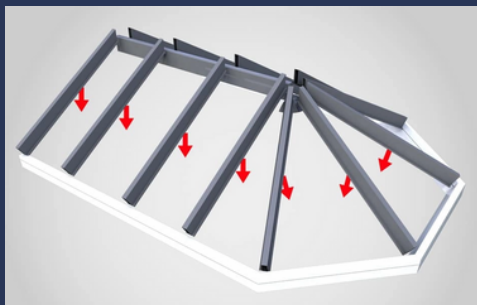
## FINISHING TOUCH

Why not personalise your new found room with a touch of 'glass'? Skylight panels are the perfect way to let natural light flow through the room. You can also create mood lighting with inside LED down-lights. Options are available with the sought after Brimet Slate to give your roof that traditional look.



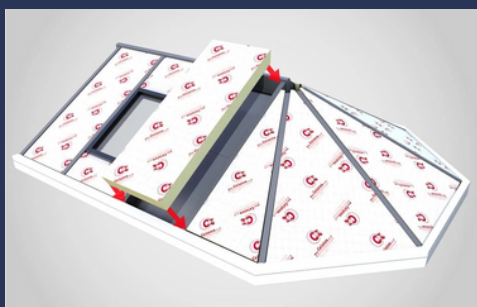


# Elements of a Leka Roof by Warm Roof Division



## Glass Reinforced Plastic ( GRP )

The Leka Roof's frame (made up of rafters, a ring beam and ridge) is made from glass-reinforced plastic. GRP is a composite with tensile strength greater or equal to steel. Yet it will never corrode or rot. Nor will it shrink or warp. It's the perfect choice for a roof which is why we chose it. Other materials cannot beat it.



## Insulation Sheets

In our opinion, these are the best insulation products on the market. The sheets are fitted with a 15mm gap from the Leka boards to create a warm air pocket. This provides high value thermal efficiency. Each sheet is perfectly cut for your roof.



## Internal Plaster Boards

As the Leka roof is so well insulated there is no need for insulated plasterboard. Therefore, a 12.5mm plasterboard is all that is required to be installed on the inside. Available to either tape & joint or plaster skim ready for a painted finish and down-lights should you require mood lighting.



## External Leka Boards

Next, strong, load-bearing and insulated outer sheets are installed onto the rafters, covering up the construction beneath. The outer sheets are also made of high-grade plastic and XPS foam. They are significantly lighter than any other covering board, 100% waterproof, and have a longer life than plywood boards. This makes them far superior.

# The Benefits



- ✓ Warm and cosy in the winter
- ✓ Cool and relaxing in the summer
- ✓ Fast fitting with minimal disturbance
- ✓ Structurally tested GRP framework
- ✓ No Timber = No moisture absorption/rotting
- ✓ No Aluminium = No condensation/thermal bridging
- ✓ Lightweight structure
- ✓ Ideal for installation on conservatory framework
- ✓ Industry leading energy values
- ✓ Building regulations compliant



  
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