Conservatory Warm Roof Conversion System
Is your existing conservatory roof:
Too hot in summer or too cold in winter? | Waste of valuable living space? | Unable to relax to watch TV?

Transform your conservatory into a comfortable, all year round living space...

...with the Guardian™ Warm Roof Conversion System:

- High performance insulated warm roof conversion system
- Lightweight aluminium frame
- Reduced energy cost
- Reduces rain noise and sun glare

The Guardian™ Warm Roof System is the biggest revelation to hit the home improvement market in the last ten years.

You can now change your old conservatory roof for a new Guardian™ roof and effectively turn your old conservatory into a new extension that can be used all year round. The complete changeover takes just a few days with very minimal disruption to your household.

The roof system is designed to replace the existing glass or polycarbonate roof of a conservatory while retaining the original windows, doors, frames and walls. At the same time providing substantial energy cost savings.

Fully tested and approved to all thermal and structural standards, the Guardian™ roof is a high performance insulated roof system comprising of a pre-engineered lightweight frame, two layers of rigid insulation board, internal insulated plasterboard, exterior grade plywood, vapour membrane and a choice of external tile finishes.

- LABC Approval (Building control England & Wales)
- LABSS Approval (Building control Scotland)
- Reduced fuel bills for the life of the roof
- Comfortable ambient temperature all year round
- A wide range of roof finishes available
- Fast installation utilising existing walls, windows and doors via our nationwide installer network
- Achieves a maximum U-value of 0.18
- Thermal, structural and condensation risk tested
- Fully guaranteed

With planning consent, internal dividing doors or walls can be removed to provide a permanent extension to your living room, kitchen, etc.

The affordable Guardian™ Warm Roof Conversion System
This classic conservatory shape helps to maximise the living space and is the traditional extension style for image and convenience. The Guardian insulated roof will simply enhance this new living space, which you can now use daily, all year round.

The Lean-to is ideal to maximise space at the rear of the house. The roof ends can have either one or two hips (slopes) and it is an ideal solution for a kitchen extension. The Guardian Warm Roof comes with an array of complementary tiles.

The Victorian style has heavy links to heritage, is extremely versatile and usually has a three or five facet finish. The Guardian solid roof can be tailored to your own specification with a wide range of tile finishes and colours.

The main feature of the Gable ended conservatory is the continuous height it brings to the room owing to the long ridge down the centre. The gable ended windows also ensure you are able to get maximum natural light into the conservatory. The Guardian tiled roof is suitable for replacement or new build projects.

The combination or P-shape Conservatory can allow you to have two different style living spaces under one Guardian solid roof. These spaces are extremely adaptable to create a unique, multipurpose room to your exact specification.
The Guardian™ Warm Roof Conversion System has been designed to provide a high performance thermal and structural solution with zero condensation risk over the life of the roof.

What you need to know

Each of these elements has been fully tested and approved by independent industry experts to evaluate thermal performance, structural performance, condensation risk and quantify energy savings.

The Guardian™ roof best practice approach has enabled the Local Authority Building Control (LABC) to certify the Guardian Roof System as a LABC Registered System.

In some cases the Guardian™ roof conversion would be exempt if it was at ground level, does not exceed 30m² floor area, be thermally separated from the building it is attached to, have an independent heating system from the main building and have glazing that meets Part N in the critical zones.

However, Building Control approval should always be sought. But with Guardian™ systems being LABC certified, this process should proceed without complication.

The Guardian™ Warm Roof Conversion System is fully compliant for use in a conventional situation such as an extension and has been fully approved by LABC for use as a full replacement conservatory roof.

With Building Control approval, Guardian™ high performance insulated roof conversions may allow the removal of the wall between the house and the conservatory, offering the flexibility to extend and enlarge an existing kitchen, living room or bedroom.

Please consult your installer for more details.

AECOM energy saving study

AECOM modelled a typical house with a standard “Victorian 12’ x 12’” conservatory.

The conservatory was northward projecting with an electric heating system. A future energy price forecasts was accounted for under the “Green Stimulus” price forecast that yielded a saving of £5,447 after 25 years.

The key conclusion drawn from this evaluation is that the greatest benefits from installing the “Guardian™” roof are made when it is retrofitted, as a result of the greater difference between the U-values of the original roof and the new roof type.

Any of the above reports are available on request from Total Conservatory Roof Systems.
The Guardian™ Service Package

Building work of any kind can be a daunting process. The Guardian™ Service Package is the hassle-free way to achieve the roof conversion you want. We will manage your project and keep you informed at every stage, providing a seamless process from your original enquiry, through Planning Permission to final installation and Certification.

Transform your living environment in twelve simple steps

1. Remove existing glass roof. Replace with Guardian™ Warm Roof ring beam
2. Watertight envelope in 1 day
3. Fix box gutter to existing wall
4. Fix rafter cap and ridge
5. Install insulation between battens
6. Fit gutter
7. Install external insulation
8. Edwardian conservatory
9. Victorian conservatory option
10. Install roof window
11. Install roof window frame
12. Plaster ceiling

5 Weeks
If you’re looking for a specific, unusual or particular type of roof and can’t find it on our gallery please let us know and we’ll try and source it for you.