



  
**Guardian**  
Warm Roof

**Horton**  
Building Plastics

after

## Save money on your heating bills

The high performance insulation of the Guardian™ Warm Roof achieves a superior U-value of only 0.18 W/m²K (England & Wales) and 0.15 W/m²K (Scotland).



## Transform your conservatory into a beautiful garden room

The market-leading Guardian™ Warm Roof is a revolutionary step forward in home improvements – a high performance, lightweight roof replacement system that dramatically transforms your conservatory into an ambient, much-needed space that can be used daily, all year round.

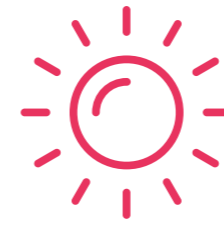
Designed to replace your existing conservatory's glass or polycarbonate roof, the Guardian™ Warm Roof system retains your original windows, door frames and walls, and is fully tested and approved to all thermal and structural standards.



before

## Key features

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.



Energy efficient



Temperature control



Engineered for quality



Reduced noise

### 01 Ridge cappings

Ridge cappings to match roof tiles or slates

### 02 Roof tiles or slates

Choice of roof tiles or slates in a range of colours

### 03 Gutter system

Standard rainwater system

### 04 Membrane

Breathable waterproof membrane

### 05 OSB-3

Exterior grade boarding

### 06 Aluminium frame

Structural pre-engineered frame

### 07 Ventilation

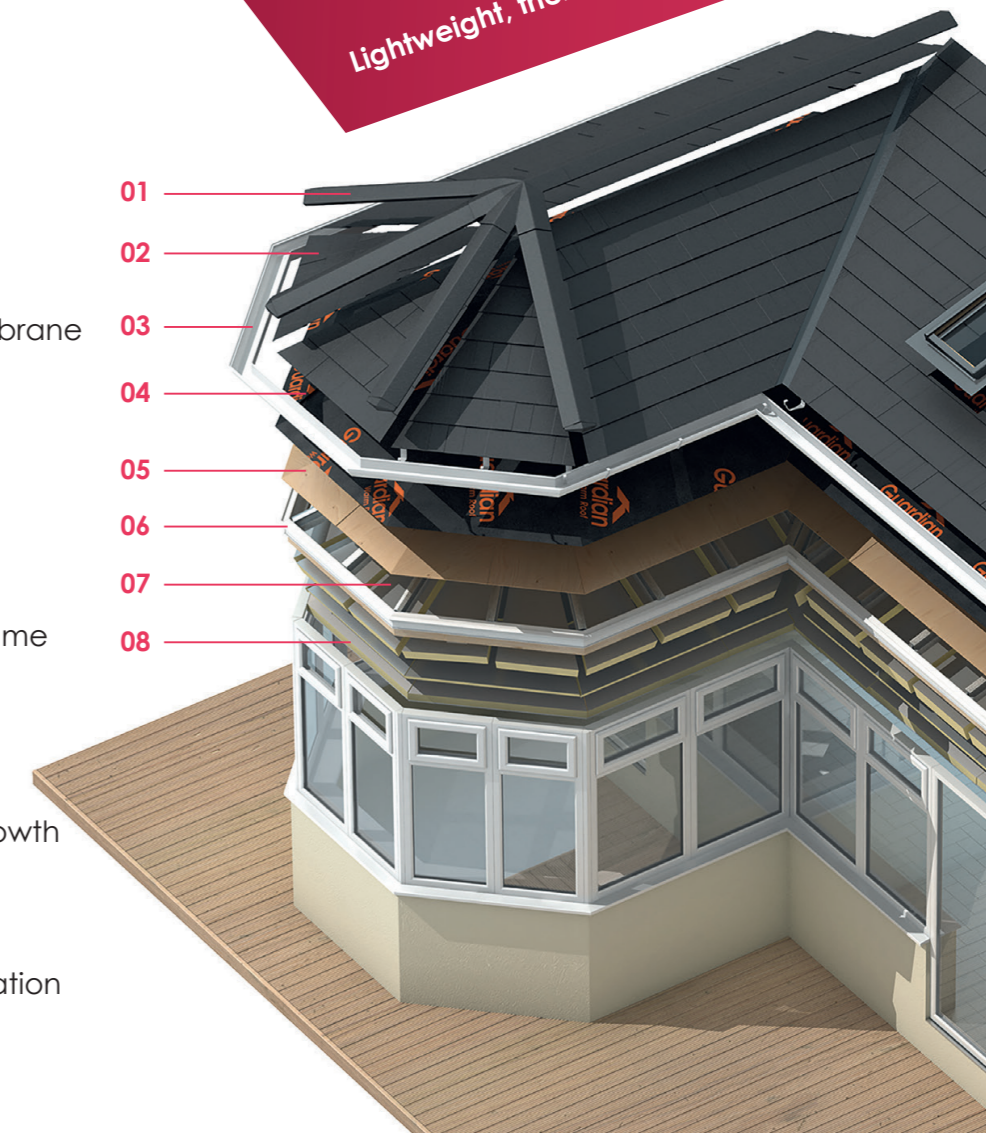
Ventilated roof eliminates condensation and mould growth

### 08 3 layers of insulation board

High performance rigid insulation board

Structural engineering at its best...

Lightweight, thermally insulated and strong



## Don't forget those finishing touches

Metrotile is the ideal choice for your Guardian™ Warm Roof, adding style, performance and a range of colours to complement virtually any UK house style.

Metrotile is made from lightweight high-grade steel with Aluzinc® coating for incredible strength and resistance, and features a unique 'hidden fix' feature that leaves no nails exposed to corrosion. There are two versions of Metrotile and both are ideal partners for the Guardian™ Warm Roof. Plus, the Metrotile Shingle comes complete with a 40-year guarantee. However, if you're looking for a slate finish, then the versatile and beautiful TapcoSlate is an ideal option.

### Metrotile Esprit Shingle

Sleek and geometrically precise, these are perfect for the modern building or conservatory roof.



### Metrotile Shingle

An extremely versatile profile with the appearance of a small riven slate.



### TapcoSlate

Easy to install, these are much more than just a lightweight alternative to real slate.



## A Guardian™ Warm Roof makes Building Control approval easy

The Guardian™ Warm Roof conversion system has been designed to provide a high performance thermal and structural solution with zero risk of condensation over the life of the roof. 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. Building Control approval should always be sought, but as the Guardian™ system is 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.



Let the light shine in

## Solstice Skylights

The latest innovation to the Guardian™ Warm Roof system, Solstice Skylights, allow you to not only create a beautiful extra living space that you can benefit from all year round, but a space that is flooded with natural light.

Whether you are looking at replacing your existing conservatory roof with a Guardian™ Warm Roof or are looking at a new build conservatory, Solstice Skylights have been designed to work for all popular Guardian™ Warm Roof styles and are made to an exceptional standard.



Fast  
installation



Engineered  
for quality



Enhanced  
light



## VELUX® Roof Windows

Enhance natural light and create a bright, fresh interior.

Available in a range of sizes, glazing options and finishes, VELUX® roof windows are the perfect addition to your Guardian™ Warm Roof.

You can also enjoy optimum comfort in your home thanks to VELUX ACTIVE, the smart home solution that works with VELUX INTEGRA® electric and solar powered roof products to automatically control the light, ventilation and indoor climate of your home.

