TIMBERLITE





The Ultimate Conservatory Roof System

Fully Compliant with Building Regulations

www.timberlite.biz

Is your conservatory an unusable space?
Too hot in summer?
Too cold in winter?

Transform your tired conservatory into a luxurious, all year round, useable room with a Timberlite solid roof conversion.

In just a few days we can convert your old conservatory into an extra room with minimal disruption.

The new roof will replace the old roof whilst still retaining the existing doors and frames.
Your new roof will not only provide a more comfortable living space during the hot weather, it will also provide a room that can be used during the cold weather and the noisy sound of rainfall will be a thing of the past... alongside all of this, you will benefit from substantial energy cost savings.



What is a Timberlite roof?

The Timberlite roof is a highly insulated, lightweight alternative to a glazed conservatory roof. It is designed to be quickly and easily installed onto an existing conservatory, although it can be installed onto a new build extension or conservatory.

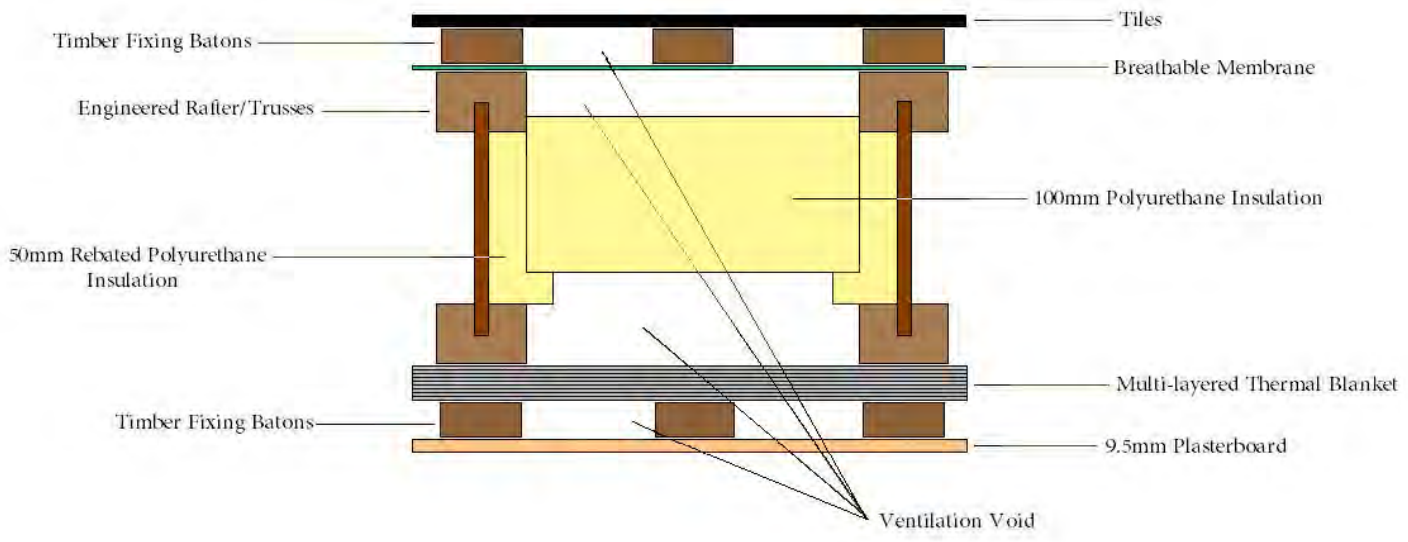
It is an engineered timber system that solves the potential condensation problem of aluminium frame roof systems.
It utilises self supporting trusses which means the use of 'tie bar' support that is common place with other systems is negated. No longer will you have a 'washing line' in your room.

The system is filled with high performance insulation that provides an overall U value of 0.14 which is lower and therefore exceeds the regulatory requirement of 0.15. The 'U' value is the measure of heat loss, the lower the number, the better.

The system complies fully to all structural and building regulations.

Each roof is bespoke and built on the factory floor to the exact measurements of your conservatory.

How is this incredibly low U value of 0.14 achieved?



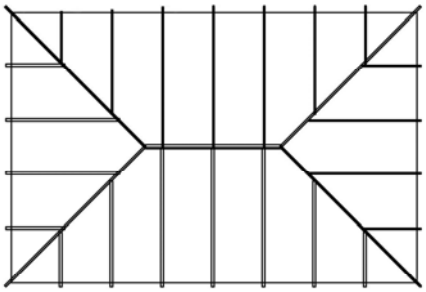
Roof Design options

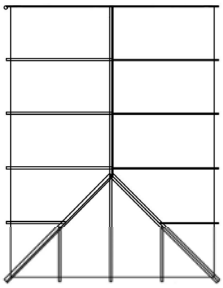
The Timberlite roof system can replace your current roof style and is versatile enough to accommodate any bespoke design required.

Edwardian;

The classic conservatory shape.



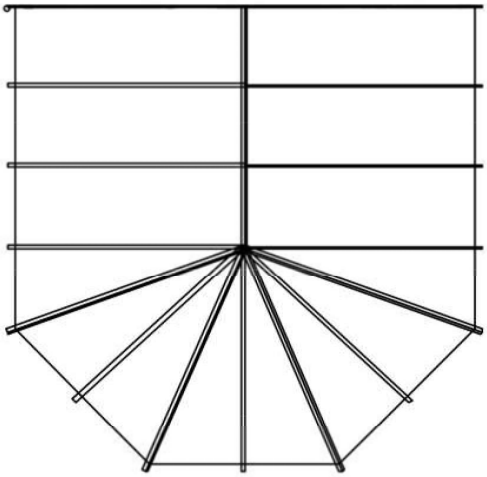




Victorian;

Usually a three or five 'facet' finish.
A very popular style.

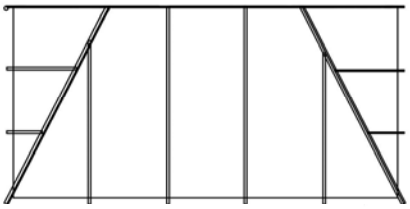


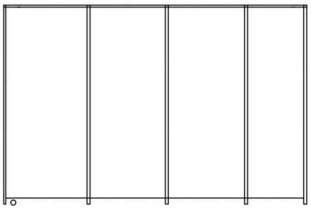


Lean-to;

A simple and effective way to utilise space.
The roof ends can either have slopes or 'hips' at either side or rake frames.



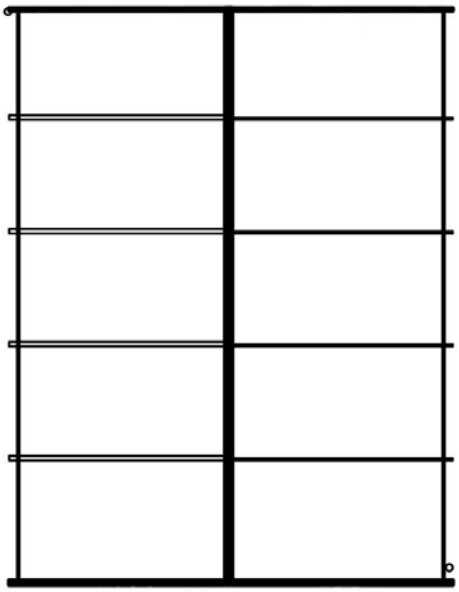




Gable ended;

A gable roof provides the most space in a square area and, because of the 'A-frame' window at the front, it allows the maximum amount of light into your conservatory.

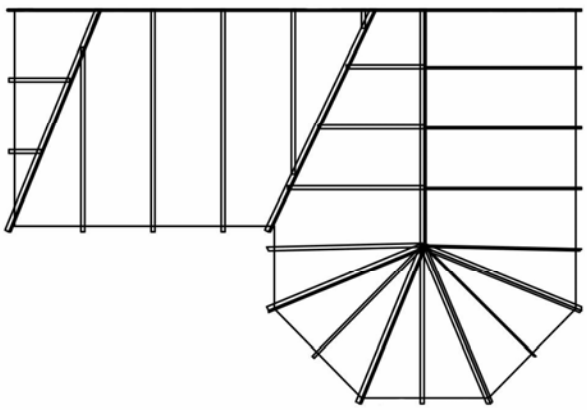




Combination;

This style of roof, also known as a 'P-shape', is usually two different designs of roof brought together to create one, unique, multi-purpose room.





Common questions...

Will it make the adjoining room darker?

This is the most common question asked.. when the ceiling is painted, most people comment that the light reflecting from the ceiling through the frames into the adjacent room makes it seem brighter. It certainly doesn't make it darker.
In addition, the fierce glare from the sun typical in glazed conservatories, is no longer a problem.

How long will it take?

On a standard retro-fit, on a standard size conservatory, the whole project usually takes between 3 and 5 days.

How long before it is weather tight?

Usually, once the existing roof is removed, depending upon the complexity, the new roof is fitted between 1 and 3 hours. As soon as the timber structure is in place, it is ready to be covered with the breathable membrane.
At this point the roof is weather proof

Is there a threat of condensation?

Timber is not a thermal conductor unlike aluminium and, therefore, presents no risk of condensation. Along with this, we have strived to ensure the roof system is ventilated throughout and the condensation risk analysis report has been approved by Stroma.

How much does it cost?

The Timberlite roof system is designed to comply with all building regulations in terms of insulation and structure. As such it is a replacement roof system containing considerably more high tech components than a standard glazed roof.
We do not recommend the approach of cladding, insulating and tiling onto an existing conservatory frame as this could be prone to structural failure and damp caused by condensation.
Therefore, a Timberlite roof system is a higher cost than a glazed roof, but it creates a space with the same structural and insulating properties as a full extension at a fraction of the cost.

Am I able to span wide openings for bi-folding doors?

Yes. We have an integrated steel lintel ring beam option that is capable of spanning wide gaps ensuring there is no weight pressing down which could affect the performance of the doors.

Why should I choose a Timberlite roof over an aluminium version?

The Timberlite roof is the 'green' option and each beam is stronger and lighter than a standard beam of equivalent size.

The engineered beams are made in Scotland and the timber is sourced from sustainable forests.

Because the beams are engineered, their strength is measurable and has a known factor.

The Timberlite roof is, on average, 50% heavier than an equivalent glass roof but 25% lighter than an equivalent aluminium solid roof.

Because the system is so flexible, there are no design limitations and we can closely match your house fascias, soffits and guttering.

The U value of 0.14 that is achieved is amongst the lowest of any solid roof system in the country, ensuring your room will be cosy and warm during the winter months.

The benefit of choosing a Timberlite roof over its aluminium alternatives are mainly down to it being constructed using timber materials.
This method eliminates 'cold bridging' created by the cold aluminium rafter bars.

Roofs have been built using timber for generations... we at Timberlite believe it is still the best way to gain maximum thermal efficiency and due to painstaking attention to detail we have designed a pitched roof that is lightweight, strong, thermally efficient and ventilated by design allowing you to finally use your conservatory to its full potential.

The process...

The first step is to have your conservatory surveyed.

Next you will be offered a quotation.

When the design and options have been discussed and agreed, an installation date will be arranged.

The removal of a standard conservatory roof and the replacement of your new Timberlite roof usually takes 3-5 days depending upon the size and weather conditions.
However, removing the old roof and making the conservatory watertight will all be done on day one.

Once your old conservatory roof is removed, the install can begin.
The timber 'ring beams' are put in place, followed by the 'trusses'.
Next, 100mm foam insulation is inserted into position.
Once the insulation is in place, the breathable membrane is fitted over the top.
At this point, the roof is weather tight.
Next the timber laths are fixed which allows the tiling system to be installed.

Work now begins on the inside. A multi-layered foil insulation blanket is fixed to the underside of the trusses and internal laths are fixed allowing the plasterboard to be fixed.

All that's left is for the ceiling to be skimmed and your new room will completed, ready to decorate and furnish how you wish.

There is minimal disruption to your home, in most cases you do not even need to be present, as long as the fitting team have access to electricity and the conservatory is accessible.

After the work is completed you will receive your building control certificate and warranty documents to add to your records.

What you need to know...

Prior to 2010, standard conservatories were exempt from Building Regulations, mainly due to the translucency percentage rules. In 2010 these translucency percentages were removed and it now states in Part L of the Building Regulations that solid roofs are permitted on conservatories.

However, Building Control certification should be sought for solid roof installations which is a simple application process meaning if, or when, you come to sell your property, you will be able to present this certificate upon request, ensuring the sale of your house runs smoothly.

The Timberlite roof fully complies with all current UK Building Regulations.
In England the U value requirements are 0.15 or below. In Wales & Scotland it is 0.13 so there is a 0.12 version available.

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There are several options available to personalise your roof.

Lighting options vary from down lights to a central light or none at all.

The external choices are galvanised steel tiles or synthetic slate tiles.

Roof vents or fixed glazed units are an option for extra light and ventilation.

The Timberlite roof system features an external fascia/soffit detail as standard that can look even more attractive when down lights are installed.

An internal soffit detail is also available that, again, can look even more attractive with down lights installed.

Your installer will offer you these options whilst discussing any other needs you may have.

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LIGHTWEIGHT ROOFING







RAISING THE STANDARDS IN LIGHTWEIGHT ROOFING



LITESLATE

- Manufactured using 95% recycled polymers
- BS476-3 fire rating
- 40-year guarantee against weather penetration
- Available in the biggest standard colour range in the UK
- Made in the UK







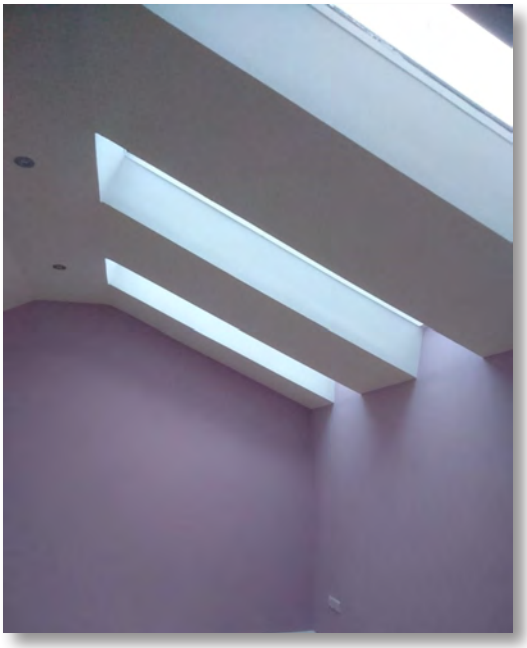




ambience
CONSERVATORY ROOF GLASS





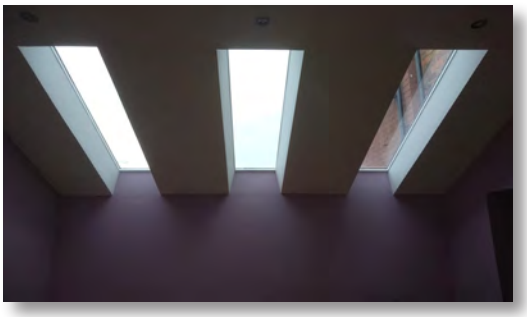




SuperQuilt

glow
Heated Glass by Tuffx

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Gallery

"We now have a room that can be used all year round" – Mrs Sutton







"We had considered just pulling the conservatory down and building an extension till we heard about the Timberlite roof. We're so glad we didn't.
We gained an extension without the mess or cost.
We have used our conservatory more in the past 6 months than we have in the past 6 years"

-Mr & Mrs Johnson



"We had high hopes that we would be pleased with the finished product but our expectations have been exceeded. It has made an area that was regularly too hot in the summer and too cold and expensive to heat in the winter into a room that can and will be used all year round"

-Mr & Mrs Cole














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