

# SupaLite

tilted roof system

LIGHTWEIGHT TILED CONSERVATORY ROOFS

SolarFrame is Yorkshire's exclusive manufacturer of the SupaLite Solid Tiled Roof



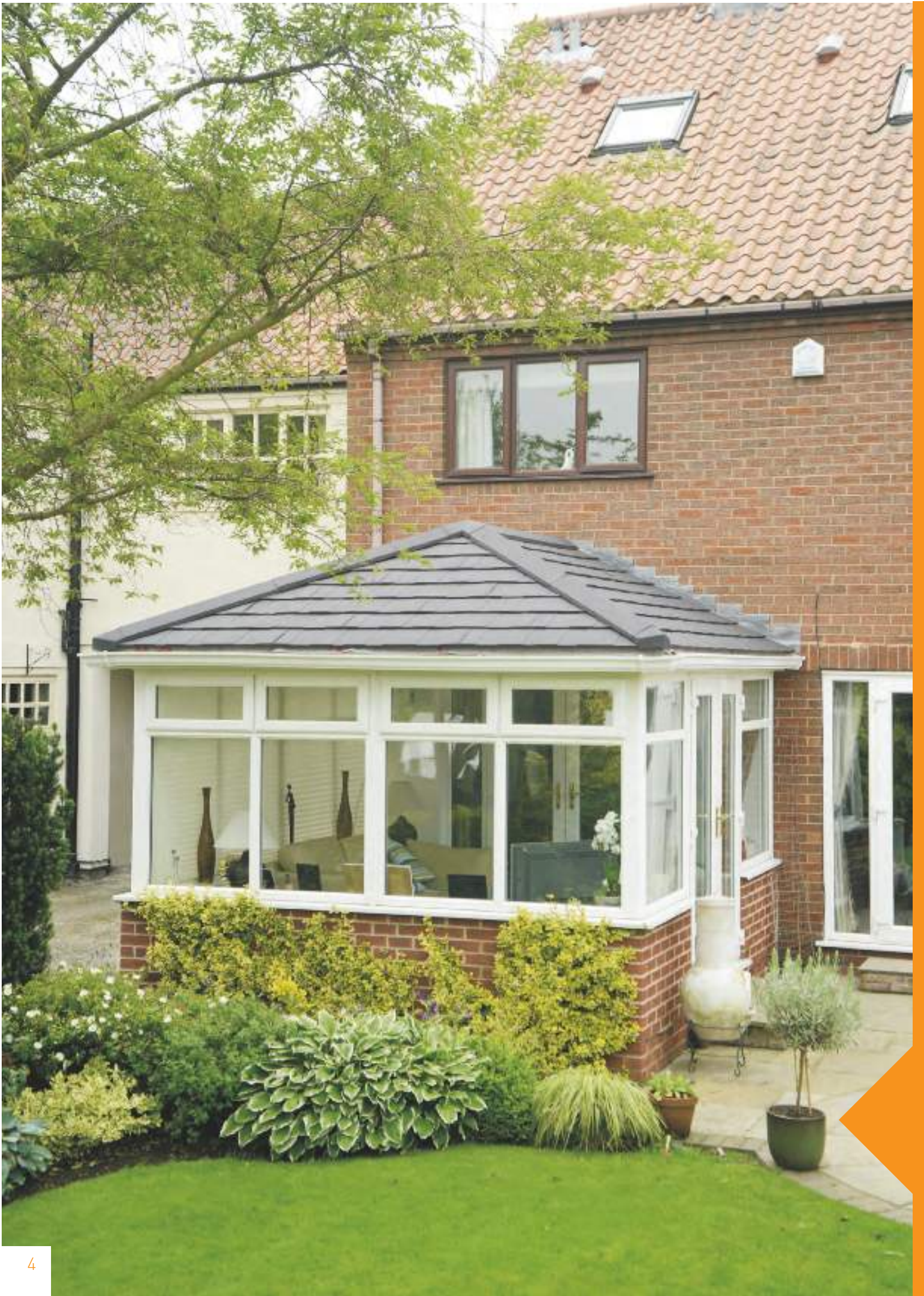




“The lightweight tiled conservatory roof is a revolution in the glass and glazing industry. It is providing owners of tired, old and energy inefficient conservatories with a radical solution to extreme temperature fluctuations. Join the revolution and insist on a SupaLite Roof.”









# WELCOME

When you specify a SupaLite tiled roof, you will benefit from in depth research and enormous investments that have arrived at the perfect replacement roof for your conservatory.

The SupaLite roof has undergone exhaustive testing, design and re-design to arrive at a product for every conservatory roof design and configuration. With changes to Building Regulations in September 2010 it is now possible to specify a tiled, solid and lightweight roof for your conservatory.

Our aim is to ensure that you specify the correct solution for your conservatory and do not breach Building Regulations by choosing the wrong roof or modifications to your existing roof that will not meet Building Regulations and will therefore be potentially unsafe and be a waste of your time and money.

# REGULATIONS

## Everything you need to know

The LABC (Local Authority Building Control) have taken the step of producing a guide for you the householder to read thus ensuring that you specify a replacement roof designed, tested and warranted for the purpose of insulating and improving your conservatory. The company offering you a replacement or new roof should offer a copy of this document to you.

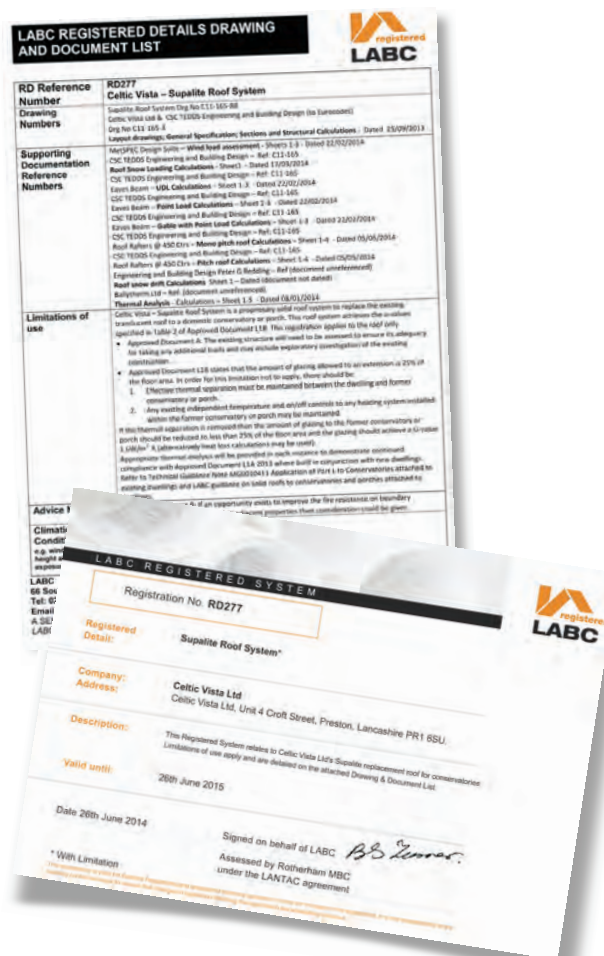
It should be pointed out that it is you the homeowner that is responsible to ensure that the work carried out and materials used in your roof comply with the law and can be evidenced with valid test data produced by an authoritative body and experts in their field.

There should be no short cuts in making sure your roof has the right credentials, which include test data and warranty, and carries LABC certification to validate it. If you do not choose the correct solution, apart from being potentially structurally unsafe, you may find that you have problems when you come to sell your home and your selling agent is required to generate your home Energy Performance Certificate which is a mandatory document for the sale and resale of homes in the UK since 1st August 2007.



The predominant reason for specifying a roof designed from the start to be a highly insulated roof and structurally sound and tested is simple. Your roof and your conservatory as a whole has to withstand years of extreme UK weather conditions ranging from extreme heat, cold, wind and probably most of all snow.

In recent years the UK weather patterns are becoming more extreme. It is not unheard of in the UK for temperatures to fall and homeowners to be subjected to heavy snowfall in a short period of time.



You only have to imagine 30cm of snow falling on top of your conservatory that does not melt due to the high insulation properties of the materials used in a tiled conservatory roof. It is not unusual for badly fitted and specified conservatory roofs to invert due to the sheer weight of the roof and snow combining and the frames below spreading due to inadequate steel reinforcing and inadequate fastenings being used when the conservatory was manufactured and installed. In these circumstances your home insurer may fail to cover your conservatory due to the absence of a warranty or test date from your supplier.

In the LABC Householders guide to re-roofing conservatories and porches, there is also a mention of condensation that "there is also a potential to introduce a condensation problem that will inevitably occur if plasterboard is applied to the underside of the existing roof with little or no insulation above it" in simple terms, if little or no insulation is offered, there will be cold bridging from the outside climate to the inside plasterboards that will show as lines of beaded condensation where the roof rafters are fitted, due to warm, moist air being attracted to the coldest parts of the roof.







# WHY SUPALITE

When you specify your new SupaLite roof you are set to benefit from a highly energy efficient roofing system that has been specifically designed and tested to create you a dream living space.

When SupaLite roofs are installed, many customers remodel their conservatories internally to give the feel of a true lounge. Furniture that you would never have dreamed of putting in your conservatory before can now be positioned with peace of mind that you will not be sitting on cold leather or damp cold fabric furnishings anymore.

With the SupaLite roofing systems unique design features, all configurations of roofs can be achieved. You will be delighted at just how much the roof insulates your conservatory. Gone will be months of extreme cold and heat variations.

With a choice of internal finishing methods, you can choose to specify a vaulted ceiling or a lowered 2400mm flat ceiling with integral lighting. We also install if specified a 350mm lighting pelmet around the internal ring beam which can additionally incorporate dimmable down lighting or evensurround sound speakers for your audio system to connect to.

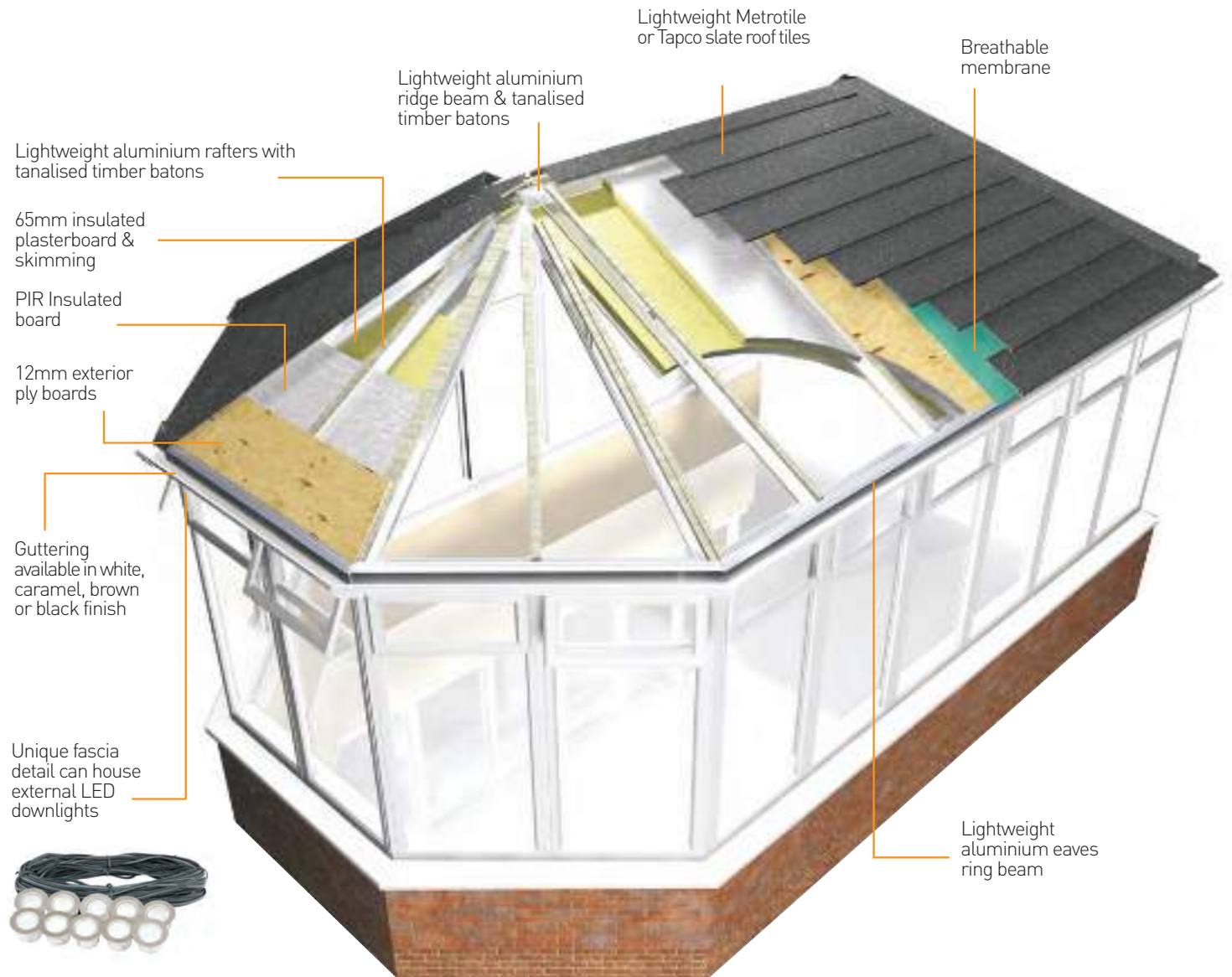
The transformation you will benefit from is astounding. Not only will you greatly reduce the energy costs of retaining a moderated living temperature in your conservatory, but you will also have more occasions for spending time in your conservatory and fall in love with it again





# THE BENEFITS

- The solid tiled roof gives an incredible u-value of 0.18, that meets total building regulations.
- Lightweight aluminium fully structural frame with frame connector system for when new windows or doors are to be fitted to a new or existing building.
- Choice of tile and slate colours, all tiles are tried and tested for many years in USA, Canada and Australia, giving you total peace of mind in extreme weather conditions.
- 25 year guarantee on tiles with a life expectancy of over 40 years.
- Large roof vents are available to allow in maximum light.
- Full range of colour matching fascias, soffits and gutters to suit your choice of windows.
- Choice of internal ceiling finishes (plaster or tongue & groove timber effects).
- Easy to install to existing conservatory frames.











## Every solid tiled roof is tailor-made for each individual conservatory.

The roofs are precision surveyed and manufactured to ensure a perfect fit to every size and configuration of roof.





**The solid tiled roof is the dawn of a new era in the conservatory market and will benefit 1000's of customers for generations to come**

When replacing your old conservatory roof with a SupaLite roof you are immediately reducing your properties carbon footprint and reducing your energy costs.



Conservatory before our transformation















## Transform your conservatory in to an all year round living space

SupaLite will co-ordinate each customer's build from start to finish, this includes the organisation and administration of all planning permission and building regulations for their solid tiled roof.

Customers can sit back and relax as their home is transformed, safe in the knowledge that everything is being taken care of.











With the solid tiled roof, SupaLite can transform any conservatory into what feels more like an extension than anything else.

The SupaLite roof will reduce glare, rain and ambient external noise, but above all else it eliminates the extreme temperature fluctuations of the UK seasonal weather.



Conservatory before our transformation





Fall in love with your conservatory again.  
By fitting a SupaLite roof and new energy efficient  
frames you can transform your tired old  
conservatory into a room you can use all year  
round.

“We have completely remodelled our conservatory by  
fitting a SupaLite roof to create an all year round living  
room. This is what we always wanted. It's perfect”







## The SupaLite roof installation is a quick and easy process.

The existing polycarbonate or glass roof is simply replaced with a SupaLite solid tiled roof, and the benefits are felt immediately and can be enjoyed 365-days of the year.



Conservatory before our transformation















There are so many improvements to make at the time you are choosing your SupaLite roof, both internally and externally.

Glass roofs are difficult to keep clean and can make your conservatory feel like a glass box. The SupaLite roof gives you more privacy from your neighbours.



Conservatory before our transformation



## The design options when choosing to replace your conservatory roof are endless.

From integrated LED lighting and tile colours, to changing the shape of the roof from Edwardian to Gable fronted.

Our surveyors will spend time with every customer to discuss their needs and to ensure they get maximum impact from their conservatory.















**With a variety of external roof colours, the solid tiled roof can be perfectly co-ordinated to every home.**

Every SupaLite roof has a 25 year guarantee so customers can rest assured that their conservatory roof is built to last.



Conservatory before our transformation



# BEAUTIFUL INTERIORS

## Vaulted Ceilings

For many conservatory owners the internal aspect is the part of the SupaLite roof conversion they look forward to. The look and feel of a vaulted and plaster finished ceiling with recessed LED or GU spotlights fitted. By opting for a spacious vaulted ceiling, your transformed conservatory will have the feeling of a modern great room so common in property extensions today. It will pleasantly surprise you how different and permanent feeling your SupaLite roof conversion will make to your conservatory.







## BEAUTIFUL EXTERIORS

### Unique features.

When choosing a SupaLite replacement or new conservatory roof, you will be choosing the only lightweight tiled roof system available with a structurally built in matching soffit and fascia system. This was a fundamental design feature. This achieves the look of a real extension to your home and can even be fitted with LED patio lighting for security and added style to match your garden lighting. This optional lighting will most definitely add the wow factor to your property.





# A Picture Paints a Thousand Words

Choose your conservatory roof style and tile colour.

When it comes to choosing your perfect SupaLite roof, we have compiled a collection of photographs to provide you with some inspiration. Making the right choice for your conservatory will be made that much easier by studying some of the photographs of past installations.







# FINISHING TOUCHES

The finishing touches to your SupaLite roof will add a great deal to the enjoyment you will have for years to come. Lighting and ventilation will pay a major part in the daily use of your conservatory so we offer the following finishes:

## DEKEA ROOF VENTS

Roof lights and roof ventilation have been in popular use for the past 150 years. High quality materials and state of the art production techniques enable DEKEA to ensure excellent quality control and create durable, safe and functional roof windows that, together with their unrivalled insulation properties, are breaking new ground in roof window design and construction.

### Insulation

The FTT highly-energy efficient roof windows have been designed taking into account the stringent requirements of passive construction. This specialized and innovative design provides excellent performance by ensuring high efficiency of thermal energy.

## LIGHTING

### Internal lighting

With a choice of internal lighting types to select from, we will provide you with the lighting of your choice which can be fitted in the ridge bulkhead or a newly installed lighting pelmet which will be plaster finished to match the interior of your roof as a whole.

### External lighting

The unique design of the SupaLite roof incorporates an external fascia and deep soffit. Many customers choose external LED's to be fitted into the soffit creating a feature that is both functional and aesthetically pleasing in the evenings. With long life and low running costs the external LED's can be left on all night in areas where security is needed.

All lighting is installed by fully qualified and insured NiCEIC qualified electricians and will be covered with our business comprehensive warranty.



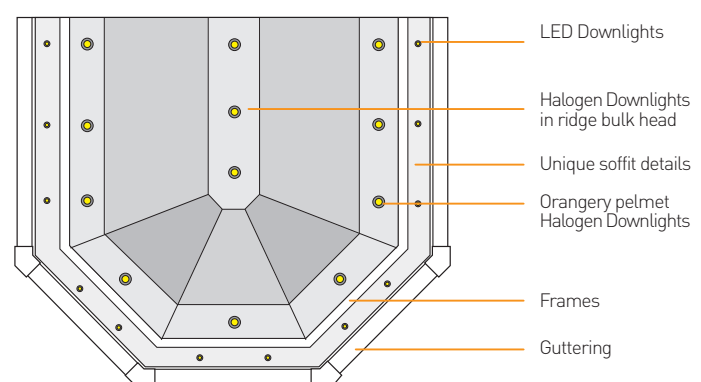
### Security

Secure window features a range of innovative solutions which makes it more burglary resistant. The window is fitted with laminated and burglary-resistant P2A glazing, new system preventing glazing removal and handle with a lock.

### External Flashings

Precisely designed flashing details ensure a durable and neat fit with the roofing material used. The purpose of flashing is to ensure good drainage away from the window and to provide protection from the elements. As there are many roofing materials available, FAKRO® offers a range of flashing solutions.

All flashings are manufactured using aluminium as standard, permanently protected with a polyester varnish. The standard colour is brown RAL 7022, which match well with most roofing finishes.





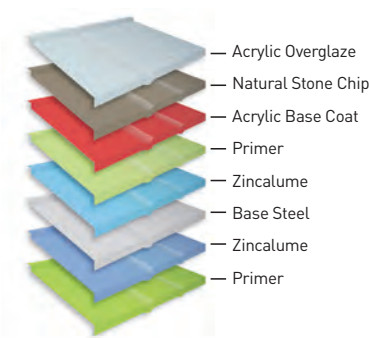
## EXTRALIGHT TILE

### Why ExtraLight

Extensive research and development in the design process ensures every ExtraLight product is manufactured to the highest quality with exceptional durability and strength.

The tile profiles and roofing accessories are engineered to interlock and overlap to resist wind lifting and keep out the harsh elements. At less than 7kg/m2, our ExtraLight tile is suitable for lightweight roof construction, so considerable cost savings can be achieved during construction.

The perfect replacement for your old existing roof, letting you improve the look and value of your home in a matter of days.



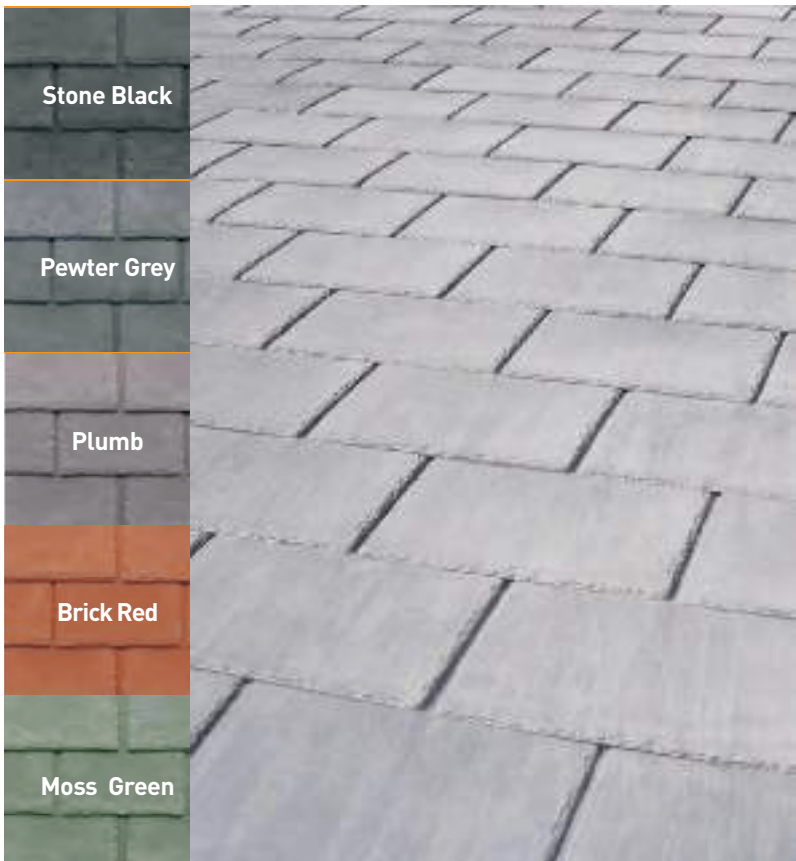
## TAPCO SLATE

### Why Tapco Slate

For centuries, slate roofing has been desired for its durability and beauty. With authentic surfaces and edges, Tapco Slate highlights the handsome character of slate, at the same time enhancing roof performance through innovative design. Unlike natural slate, Tapco Slate won't break or delaminate and comes with a Limited Lifetime Warranty.

BBA Certified Tapco Slate gives you the power to evoke both historical elegance and outstanding modern-day style. Our slates are created with moulds cast from real slate to capture genuine peaks, plateaus and curves. Colour-through design and UV stabilisation ensure “stay-true” richness for traditional colours such as Pewter Grey, Plum, bold tones like Brick Red and unique selections such as Moss Green and Grey/Black blended tiles.

Tapco Slate Mixes are another feature of our unique colour choices, they deliver uncommon elegance through boldly-appealing multiple colours to turn your roof into a work of art.





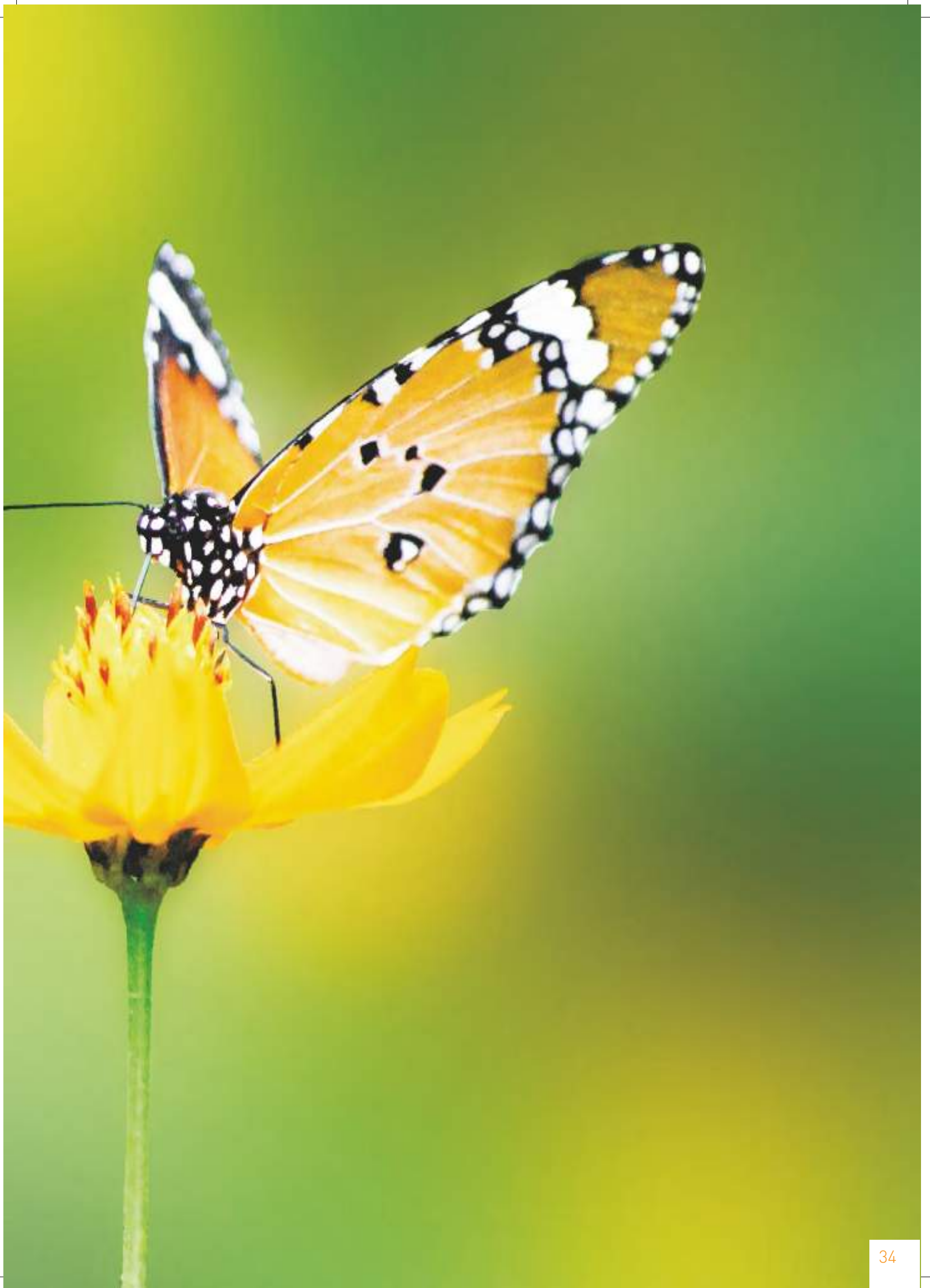
# SUPALITE SAVING THE PLANET

Your new roof might not save the planet, but it will go a long, long way to helping you reduce your property's carbon footprint.

By fitting a solid tiled roof to your domestic conservatory, you along with our products are making a most immediate and significant contribution towards reducing your carbon footprint. It really is impossible to estimate just how much energy you will save with your roof replacement, as every roof installation is unique. However, with a u-value of just 0.18 the energy savings are vast. The SupaLite roofs offer the optimum insulation levels to your conservatory as standard and are the sure choice when it comes to roof replacement.











SolarFrame Authorised & Approved Installer

SolarFrame is Yorkshire's exclusive manufacturer of the SupaLite Solid Tiled Roof