Stratton Glass & Windows Ltd

www.StrattonGlassWindows.co.uk





# LIGHTWEIGHT TILED SUNROOMS

Stratton Glass & Windows Ltd Est. 1979

# Providing inspiration to installation then aftercare




Since 1979, our family run company has always followed the same values. We believe in treating our customers in a way that we would like to be treated. We keep it simple. Firstly we provide quotations based on well informed advice, we do not condone old fashioned pushy sales tactics. Secondly we only supply good quality products for fair prices. Finally our installations are all backed by our 10 year warranty.




## Book a Free Design Visit

At Stratton our sales team will help guide you to the most appropriate solution that suits you and your home. We can provide CAD drawings and installation photos to help you with your decision.



## Visit Our Showrooms

Visiting our showrooms allows you to experience our window & door ranges for yourself, whilst giving you the opportunity to familiarise yourself with our friendly & knowledgeable staff.




## Installed by MTC Qualified Staff

For a hassle free installation we are registered with FENSA and our installers are MTC qualified. This ensures that they are competent, follow building regulations and health & safety guidelines.




## Hassle Free Aftercare

Our installations are protected by our 10 year, insurance backed warranty. This means if a fault occurs with the installation, frame or the sealed units within this period we will repair or replace them free of charge.

# Let's get this project started...

**We are here to help, and that starts now.** Below is our checklist to help you make an informed decision towards choosing your new roof.

## How to buy Solid Roofs check list

### 1. Is the roof structurally tested?

Any roof needs to be able to cope with extreme wind and snow loads which vary considerably by postcode. Some roofing systems use standard snow and wind loads which can be insufficient in some locations and some use none at all.

**Tip: Always ask you installer for the wind and snow loads that the roof was designed for and how these have been calculated.**

### 2. Does the roof contain thermal breaks between aluminium and insulation

Using aluminium bars and timber beams together with over-cladding carries a very real risk of condensation along the bars because there is no thermal barrier in place. This can result in damp, leaks, cracking plaster and rotting insulation.

### 4. Should I have glazed panels in the roof?

Whilst sold roofs are very efficient at maintaining the internal room temperature, without any glazing panels they can make your room and the interior of the rest of your house very dark. For a bright room filled with natural light add glass panels.

### 5. Where is the local branch?

Always shop local. We are based in Diss & Long Stratton which are ideal for servicing Norfolk & Suffolk. We also have engineers all over the county to ensure a prompt response time when it comes to service work. Check out the companies showroom to ensure you like the products and the service in store.

### 6. Is the roof guaranteed and does the insurance cover it?

It sounds crazy but a lot of solid roofs aren't guaranteed by the installers or suppliers. Also be wary of spring up companies offering lifetime warranties as they are often not worth the paper they are written on. Not all insurance backed warranties cover solid roofs either. Check to avoid disappointment.

### 7. Does the roof comply with fire safety regulations?

Fire Safety: Clad over systems are never effectively re-tested as the entire roof structure must be tested. The original structure varies from job to job which means that only the components could be tested. Solid roofs must be classified as AC, AB or AA in accordance with BS476-3.

**Tip: Ask to see the fire safety certificate of the entire roof system before you commit to the project.**

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# Lightweight Tiled Sunroom Options & Features.

The Stratton *Ultraroof offers a magnificent vaulted plastered ceiling on the inside to enhance the feeling of space within the room. With with thermally efficient U-values as low as 0.13, authentic looking tiles and the option of glazed panels, the Ultraroof offers you the warmth and brightness you require.*







## No Tie Bars Ever

Most competing roofs require unsightly tie bars to keep the roof structure sound. However, our 380mm beam Ultraroof **NEVER requires a tie bar.**

## Long Lasting

The Ultraroof is pre-fabricated & structurally approved. The roof is also topped with low maintenance, UV resistant tiles as standard.




## Fire Tested

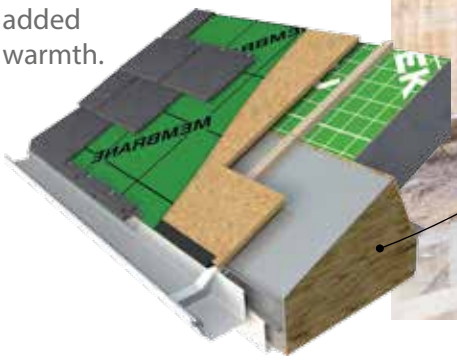
For peace of mind the **complete, assembled Ultraroof structure** was independently and fully fire tested in 2017 by Warringtonfire.



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# Highly Insulated Box beam

Most solid roof systems have a hollow aluminium beam that sit on top of the window frames. Aluminium is cold so can attract condensation causing damp spots.
To prevent this our roof comes with a larger beam that is **packed full of insulation** for added warmth.







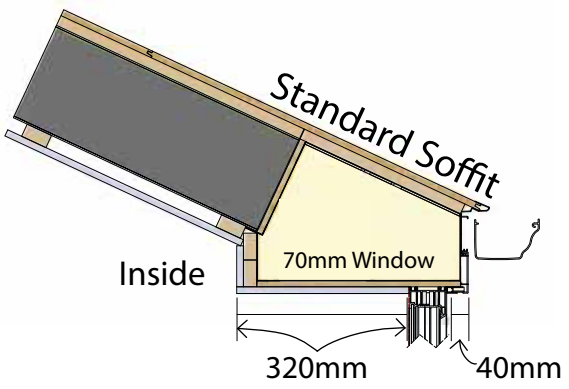
## Internal Pelmet

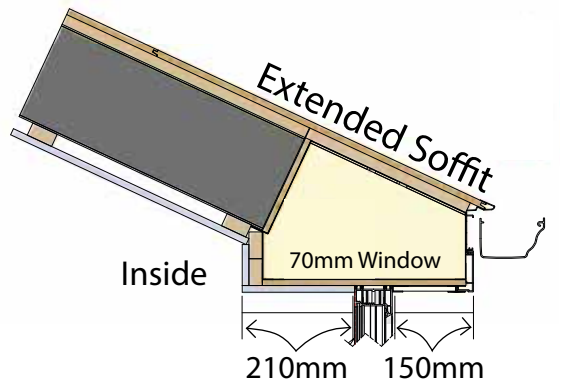
Rather than the frames meeting the vaulted ceiling at 45º's, which is awkward and leaves a sloppy plaster finish up to the frames, our insulated box beam forms a stunning, **90º angular pelmet** internally.

The internal pelmet is perfect for hosting **wireless speakers** and/or **LED downlights**. Lights can be installed with a dimmer switch for a relaxed atmosphere.

## Soffit Choices

The Stratton Ultraroof comes with 2 soffit depth choices. The insulated beam is always the same size but we can position the windows and doors depending on your choice of soffit depth see below.






**10 Year Warranty**



## Optional Full Length Glass

For a truly bespoke design the Ultraroof offers an option for full height glazing. This floods your home with natural light for a relaxing atmosphere.



## Optional Velux Roof lights

If you would prefer we can install opening Velux roof lights into the Ultraroof from 698mm high all the way up to 1178mm high.




## Tile Choices

Made from **100% recyclable material**, our polymer roofing tile not only replicates the natural look of slate tiles but is less expensive without incurring the extra structural cost needed to accommodate conventional slate tiles. The **UV resistant** tile is also quicker and easier to install, which reduces the labour cost. The lightweight tile is available in a choice of 3 coloured slate effect tiles (see below).
If your home doesn't suit the polymer slate, due to the Ultraroof's strength, we can now offer **any traditional tile of your choice.**










## Gutter or Cornice

Along with the standard gutter (shown below) for a truly bespoke design we offer a choice of three external aluminium cornice options to hide the plastic gutter behind a sleek powder coated facade.




Classic Cornice


1 High Cornice


2 High Cornice


3 High Cornice



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# Ideal for Replacement Roofs.

The Stratton *Ultraroof is the lightest roof on the market with leading thermal performance. This lightweight structure makes it ideal for installing onto existing uPVC, timber or aluminium windows and doors.*





## Before - With old polycarbonate roof

This customers old conservatory was cold in the winter and boiling hot in the summer. It also looked tired and out dated.



## After - With all NEW solid roof

The much needed upgrade transformed the customers home , giving them extra space by allowing them to use the sunroom all year round.

## Building regulations

Unlike conservatories solid roof sun room's are not exempt from building regulations. Therefore all solid roof installations (including upgrades of existing conservatories) require a building regulation body to be involved to ensure Building Regulations are met.

Building Control can be tedious and time consuming. However, Stratton Glass & Windows has partnered with JHAI building control to provide a quick and easy way of ensuring your project is compliant with Building Regulations.

We do all of the paper work including a SAP test (required when removing the doors between the house and the new sunroom). We also liaise with the building inspector on your behalf and JHAI provide you with a certificate at the end of the installation.






**"Terrific and honest service from start to finish. Great quality products. Would not hesitate to recommend them and will use them again". -** Phil Watkins - Google.co.uk




MADE IN BRITAIN

# Energy Efficient Windows & Doors

Windows that provide a poor level of energy efficiency can be a major source of heat loss, resulting in a higher spend on energy. Window Energy Ratings (WER) allow you to compare potential savings. We offer a wide range of ratings using different glass options. The ratings are determined by 3 factors including:

1. Draught prevention (**L value**) - 0 is the best possible achievement,
2. Solar heat gain to attract the suns heat (**G value**), This is between 0-1, the closer to 1 the more heat is gained through the glazing.
3. Insulation values (**U value**) this is typically the most important figure to look out for as it relates to retaining the temperature inside your home, the lower the figure is better.



**Stratton** *eco energy* **Stormproof Window Efficiency Table**

| Rating | Glazing | L Value | G Value | U Value |
|---|---|---|---|---|
| A++32 | Triple | 0 | 0.64 | 0.81 |
| A++20 | Triple | 0 | 0.64 | 1.0 |
| A+19 | Triple | 0 | 0.63 | 1.0 |
| A+12 | Double | 0 | 0.75 | 1.3 |
| A | Double | 0 | 0.73 | 1.3 |
| B | Double | 0 | 0.73 | 1.5 |
| C | Double | 0 | 0.72 | 1.6 |

Values shown in the above table are WER calculations provided by our profile extruder based on our sculptured small outer frame.

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# Window Options

# Casement Windows

Casement windows are the most popular window frame used on conservatories due to their versatility and simplicity. They come in a choice of chamfered, sculptured and flush mouldings along with a vast variety of colours. French windows can be used as an option for an unobstructed opening.







Side Hung &/or Top Hung



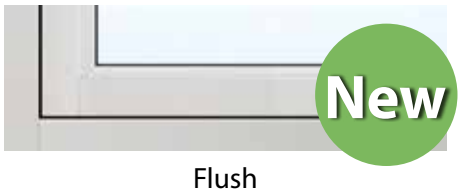
French Window



Sculptured



Chamfered




Flush

# Tilt & Turn

Tilt and turn windows are fantastic for conservatories as they allow impressively large openings, meaning more glass and less frame.
They "tilt" inwards for ventilation or with a further twist of the handle the window open all the way on side hinges.







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# Door Options

The entrance and exit to your conservatory is an important decision to factor into your design. All of our doors are A rated as standard with the option to upgrade to A+. Our French door range can achieve up to an A++ rating with triple glazing.

## French Doors

Available in both 'open in' & 'open out' styles; The hinged French door is an attractive option for conservatories. It allows you to open the entire aperture whilst having a practical traffic door. This option is best used with no obstructions such as furniture or plant pots.









## Sliding Patio Doors

The Stratton patio door has ultra slim sight-lines and allows vast expanses of glass to ensure you enjoy the maximum amount of natural light in your conservatory. It's effortless opening mechanism and smooth motion provide a satisfyingly noiseless glide.









# Bifold Doors

The Stratton bi-fold door provides a stunning entrance to your new glazed extension. They give you the option to open up the entire aperture on a lovely sunny day and offer an optional traffic door for practical use in the colder months.



The stylish Stratton Bifolding door comes in both uPVC and aluminium. It comes in a wide range of colours and finishes including wood grains and greys.
The lightweight and slim frame has a smooth glide and maximises the amount of light into your new glazed extension.













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# Glass Options

# Roof Glass Options

We offer a range of high performance Insulating Glass Units that are specifically designed for conservatory roofs. All of our units included thermal insulation as standard. Optional features of this range include; self-cleaning glass and solar-control for comfort and UV protection.



## U-value
This is what keeps your home warm. The lower the figure, the more thermally efficient it is.

## Heat rejection
Helps keep your environment cool when it's warm outside during the summer months.

## Self cleaning
Using sunlight and rain this glass keeps itself clean all year round.

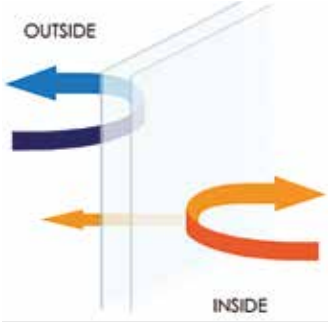
## UV blocking
Blocks UV from the sun, helping to protect your furniture.

## Visible light
Optimal light transmittance allows as much light in as possible.

| Glass | Heat Reflection | Glare Reduction | UV Reduction | Colour | U-Value (W/m2K | Self-cleaning Properties |
|---|---|---|---|---|---|---|
| Stratton Sunshield Plus - Green | 78% | 65% | 94% | Green | 1.0 | Yes |
| Stratton Sunshield Plus - Neutral | 71% | 60% | 87% | Neutral/Grey | 1.0 | Yes |
| Stratton Sunshield Plus - Blue | 67% | 50% | 87% | Blue | 1.0 | Yes |
| Stratton Sunshield Plus - Bronze | 66% | 55% | 89% | Bronze | 1.0 | Yes |
| Standard 24mm double glazed unit | 0.82 | 22% | <10% | Clear | 2.8 | No |

* Figures stated above are guides as to the performance of the related glass colour and can vary marginally.

# Other Glazing Options




### Double Glazed
From C to A+ rated our double glazed windows will help keep your conservatory well insulated.



### Triple Glazed
This offers optimal all year round thermal efficiency with the benefit of increased security.



### Acoustic Glazing
Acoustic laminate can be installed in both our double and triple glazed windows to reduce your sound pollution.



### Solar Control Glass
Large frames have large expanses of glass. Solar control glass like Planitherm 4Seasons will control solar heat gain.

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# Reviews & accreditations

Stratton Glass & windows have been trading since 1979. Throughout this time we have improved around 40 thousand homes. We take great pride in our products and service but don't just take our word for it.

## ☑ Fensa Registered

FENSA

Ensures that we are competent window & door contractors & install to building regulations.

## ☑ 10 Year Warranties

10 Year Warranty

Trading since 1979 we take pride in our 10 year warranty and customer care.

## ☑ Trading Standards

tsi APPROVED CODE TRADINGSTANDARDS.UK

As GGF members we are enrolled into TSI's trading standards approved code.

## ☑ Trustmark Endorsed

TRUST MARK Government Endorsed Standards

Registered firms gain accreditation following thorough vetting and on-site inspections.

## ☑ GGF Members

GGF

GGF is the industry authority, the GGF promotes best practice & safety standards.

## ☑ Insurance Backed

Guarantee Protection GGFi

This industry leading insurance broker provides you with peace of mind by insuring your warranty.

## ☑ BBA Approved Roof

BBA BRITISH BOARD OF AGREMENT

The Certificate indicates the our conservatory roof will have a life of at least 25 years.



**"The fitters were courteous, knowledgeable, tidy and most importantly did a really good job."** Sanders - reviewcentre.com



**"Professional and helpful service from start to finish."** Mr A Zelley - Google.co.uk



**"...good choice to use this company as all members of staff were professional and very helpful."** LeeandGill - reviewcentre.com

**Diss:** (01379) 647332 **Long Stratton:** (01508) 531321

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# Stratton Glass & Windows Ltd

# Our Products & Services



Windows



Doors



Conservatories



Lightweight Solid Roofs



Conservatory Roof Replacement



Orangeries & Garden Rooms



Porches



Fascia & Gutters



Glazing & Mirrors

**Diss:** (01379) 647332 **Long Stratton:** (01508) 531321

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Visit our showrooms




Book a FREE design visit



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