



Optima<sup>TM</sup>  
SCULPTURED SYSTEM

Conservatories and Sunrooms



## Why choose Fife Windows & Doors Ltd ?

It's fair to say that you don't survive in business since 1986 unless you are doing something right. If you are currently debating over which company you should choose & you can't decide who is offering you the best quality product and workmanship aswell as value for money, then the following information should help you make a decision.

- \* Family run business established in 1986.
- \* We employ all our own installers.
- \* Purpose built showroom for you to view the product before you buy.
- \* No commission driven Sales Consultants so you can be sure of a hassle free quotation with no obligation or any pressurised selling.
- \* There is no deposit required, only full payment when the work is carried out to the customers satisfaction.

**Optima**<sup>TM</sup>  
SCULPTURED SYSTEM

The brand new Profile 22 Optima range represents the very latest innovation in PVC-U window and door systems. Offering exceptional performance in energy efficiency, weather protection and security. The unique 6 chambered outerframe and 5 chambered sash offers exceptional thermal values. Quite simply, it's the best system on the market.

Optima is brought to you by Profile 22, a British company that is part of the long established Epwin Group. They have built a reputation on products that are trusted on quality and innovation. As a result, Profile 22's systems are one of the most widely specified in the UK. You can rest assured that any window, door or conservatory made from Profile 22 and installed by Fife Windows & Doors Ltd is one of the most advanced, value for money products available today.

Epwin Group



### What makes our windows so good?

- 1 Energy Efficient Glass** : Our 28mm sealed unit comes with Low E softcoat and Argon gas filled as standard.
- 2 Warm Edge Swiss Spacer** : Made from a low heat conductive material which increases the thermal values of the edge of the glass. This can also help to reduce condensation. SGG SWISSPACER®
- 3 RCM Thermal Reinforcement** : Made from waste PVC-u it offers a 20% better weld strength than older reinforcement materials aswell as far greater thermal efficiency. Unlike steel, it will never corrode or rust and as it is 100% recycled it is a more environmentally friendly product.
- 4 Highest Grade of PVC** : It's a must to make sure any uPVC window frame is extruded using a virgin polymer such as ours to guarantee there will be no discolouration which is something that can occur when using recycled pvc.
- 5 Multi Chambered Profile** : The 70mm profile has 6 chambers in the outerframe and 5 in the opening sash. Since it has more layers it gives greater insulation and soundproofing compared to many other profiles that only have 3 chambers.





## A company you can trust

As of May 2011, Fife Windows & Doors Ltd became a member of the Fife Trusted Trader Scheme. Fife Trusted Trader is the only official Trading Standards vetted trader scheme in Fife. The scheme is backed by Fife Council and supported by Police Scotland. It was created to enhance consumer confidence and encourage the success of fair dealing businesses within Fife. Any businesses signing up to the scheme must abide by certain terms and conditions which reflect their responsible and sensible approach to the way they trade and conduct their business. You can check out our reviews via the reviews tab on our website. The recommendations and comments made on the site are by customers themselves, who provide their feedback and reviews on work that we have carried out.



Aswell as our 4 Classic colours we also offer a variety of coloured frames in our Premium colours\*.

\*longer lead times may apply.

The vast majority of windows we install consist of our 4 classic colours, White, Rosewood, Oak and Anthracite. Each finish is available both inside and out with the option of colour on the outside and white inside also.



White



Rosewood



Oak



Anthracite

## Improving is the new moving

A conservatory is one of the most desirable home improvements available and over the past decade has evolved to become the ultimate living space. With all the advances in energy efficient materials, a conservatory is a relaxing room the whole family can enjoy 365 days of the year. Planning a conservatory or sunroom requires a great deal of thought. At Fife Windows & Doors Ltd we can advise you on a style that will compliment and enhance your home and more importantly is tailor made to your individual taste and requirements. You can be safe in the knowledge that we take care of everything from applying for Building warrants or Planning permission to any electrical or plumbing work required inside the conservatory.

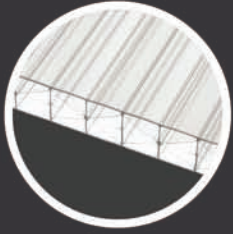
Whether you are looking to have a brand new conservatory built from scratch or looking to upgrade the window frames or roof of an existing structure, we have the product knowledge and expertise to help guide you.





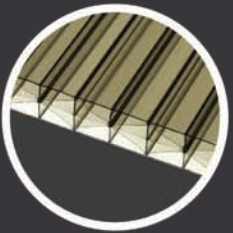
## Polycarbonate roof

When it comes to glazing your conservatory roof, polycarbonate is a popular choice as it is very strong, lightweight and durable. All the polycarbonate roof sheets we install are 35mm thick and are multi-chambered which helps retain the heat inside the conservatory. There are also various options when it comes to the colour of the polycarbonate sheets. Each colour will offer a different appearance and function as you will see below.



### Clear

If the conservatory is North facing or in an area that is relatively shaded, it might be an idea to fit clear polycarbonate as it does offer excellent light transmission.



### Bronze

Similar to clear polycarbonate but with a bronze tint. The tint helps to reduce glare and solar heat gain so it is perfect where a conservatory is situated in a location that gets a lot of direct sunlight.



### Solarguard

Grey in appearance from outside with opal internally. Solarguard limits the potential for heat build-up within the conservatory, whilst allowing light to enter the roof, deflecting solar radiation and reducing solar heat gain by up to 50%, when it's compared with conventional polycarbonates.

### Opal

White in appearance, Opal polycarbonate would normally only be used on white upvc conservatories. As it offers good light transmission, it is ideal for locations that do not get a lot of direct sunlight. It also offers excellent privacy levels.



### Bronze on Opal

A combination of opal and bronze polycarbonate. The opal gives a bright internal appearance, even on a dull day whilst the bronze tint helps reduce glare and solar heat gain when it's sunny.



Polycarbonate	Light Transmission	Solar Transmission	U Value Wm <sup>2</sup> k
Clear	51%	55%	1.3
Opal	29%	35%	1.3
Bronze	11%	14%	1.3
Bronze on Opal	18%	22%	1.3
Solarguard	8%	8%	1.3



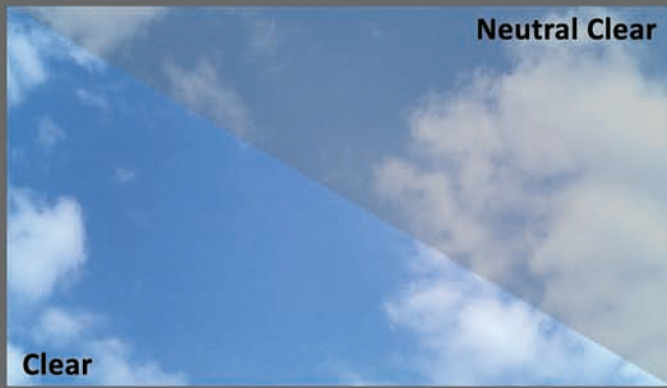
## Glass roof

Installing glass instead of polycarbonate to your conservatory roof will offer a completely different aspect to the look and feel of your conservatory. Glass roofs are becoming more and more popular with the advances in high performance glass units available. Choosing a glass conservatory roof will considerably cut out the noise caused by the rain and can instantly give any conservatory the wow factor.

Selecting the right glass for your new conservatory roof is very important in order to avoid it becoming too hot in the summer or too cold in the winter. We install Conservaglass by market leading conservatory roof manufacturer Ultraframe . It comes in two different finishes and each offers a different appearance and function as you can see below.

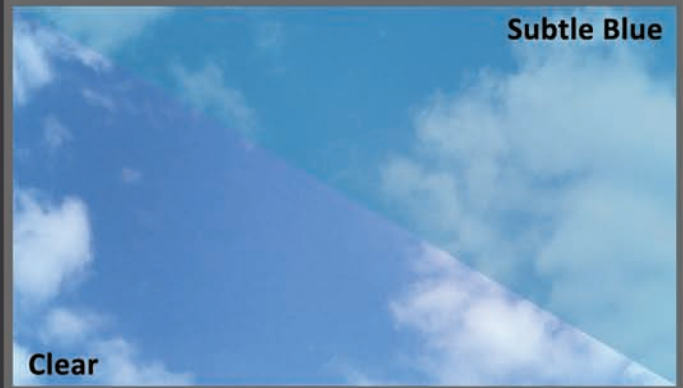
### Neutral Clear

U Value : 1.1 W/m<sup>2</sup>k  
Solar Transmission : 38%  
Light Transmission : 44 %  
Low E Soft Coat : Yes  
Gas Filled : Argon  
Self Cleaning Glass : Yes



### Subtle Blue

U Value : 1.1 W/m<sup>2</sup>k  
Solar Transmission : 37%  
Light Transmission : 51 %  
Low E Soft Coat : Yes  
Gas Filled : Argon  
Self Cleaning Glass : Yes



**CONSERVAGLASS™**  
by ultraframe

Conservaglass, launched by market leading conservatory roofing company Ultraframe, was the first high performance glazing product designed specifically for the requirements of conservatories in the UK climate.

In addition to keeping the sun's energy out in Summer and keeping the interior warm in Winter, it stays cleaner for longer than conventional glass. Not only does it stay cleaner for longer but a transparent coating bonded into the external surface of the glass (not sprayed onto the sealed unit after production like some competitor products) uses the power of ultra-violet rays and the rain to break down dirt and grime and wash it clean away. Of course this does not mean your glass will never require cleaning but it does reduce the amount of maintenance required and is much easier to clean than conventional glass.





## Living Room

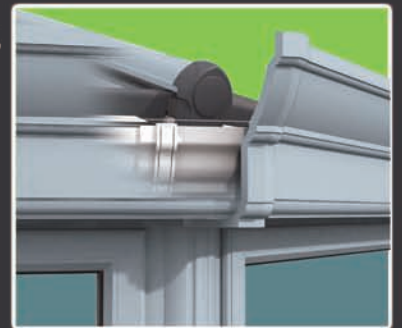


If you are thinking of extending your home and can't decide between a conservatory or a traditional extension then the Livingroom may be the perfect answer. Firstly, it has the classic glazed conservatory roof at its heart and then adds an engineered framing system internally which is then fitted with plasterboard to give a perimeter ceiling all the way round. This creates something that is neither conservatory nor extension. It combines all the benefits of the former in terms of light and then fuses this with the solidity and feel of an extension. You can maintain light and space by using windows all round or have brick piers between windows and doors to give a greater sense of solidity.

## Living room

by ultraframe

When it comes to the external look of the Livingroom there are additional styling upgrades available. The visual dynamics of the roof can be enhanced by upgrading to the decorative cornice all round the Livingroom for a smooth finish at the wall to roof interface. The cornice provides an elegant design feature whilst at the same time hides the guttering that runs around the Livingroom.

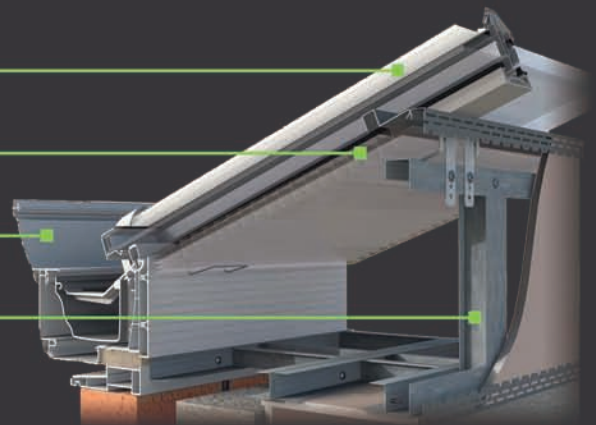


Conservaglass double glazed unit

25mm Heatguard polycarbonate 'cloaking screen'

Optional Cornice externally

Steelwork ladder takes support at eaves and from glazing bars



The internal perimeter ceiling offers a look that can't be achieved on a typical conservatory. It is ideal for housing recessed spotlights which helps to keep the bright and spacious feel to the livingroom when there is little daylight or in the evening.



## UltraRoof 380

The new UltraRoof 380 by Ultraframe gives you the most advanced lightweight tiled roof system on the market today. It is the perfect solution for homeowners who are looking to replace their tired conservatory roof or where they have limited use of their existing conservatory due to it being too hot to use in the summer or too cold in the winter. UltraRoof 380's 0.16 U-value is up to 15 times more thermally efficient than a typical old conservatory roof offering unrivalled thermal performance.



One of the features that makes the UltraRoof 380 so unique is its clever, configurable technology that allows the fitment of multiple glass panels. This is something extremely beneficial for those wanting to project some light into the adjacent room and give you a truly bespoke design. Internally, the roof creates a beautiful, vaulted ceiling with a stepped detail in the eaves which can be used to insert spotlights.



**Carbon Grey**



**Harvest Brown**



**Terra Brick**

Externally, the UltraRoof 380 incorporates the stunning new UltraTile, an engineered copolymer interlocking tile with authentic slate finish. The tiles are available in 3 different colours to match or create a contrast from the existing house roof finish.

With insulated beams, robust, lightweight aluminium framework and unrivalled structural performance – the beauty is more than skin deep with the UltraRoof 380. Engineered to nothing less than exceptional standards, these roofs provide outstanding thermal efficiency and withstand the most extreme weather conditions. Ultraframe are the market leader in conservatory roof systems and are widely regarded as the go-to brand in the industry for well over 30 years.







## Fife Windows & Doors Ltd

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