



Dealer stamp / info:

Copyright © 2012 K2 Conservatories.
All rights reserved. No part of this document may be reproduced, amended or extracted.
K2 Conservatories is a division of Synseal Extrusions Ltd.

S/C: COLCARE

the
carlton
CONSERVATORY COLLECTION





step 1

choose a shape

step 2

colour to suit

step 3

have a room with a view

step 4

make an entrance

step 5

get comfortable

step 6

avoid surprises

step 7

make it easy

step 8

just enjoy

Please note: Some images in this brochure are computer-generated, and all images and photographs are for illustrative guidance purposes only, the final appearance of your product will vary according to specification.

the
carlton
CONSERVATORY COLLECTION

Whether you need more room for the children to play, a new dining area, or just somewhere to relax, you've made the decision: it's time to add a conservatory to your home.

But where do you start when there are so many options to consider?

No need to panic.

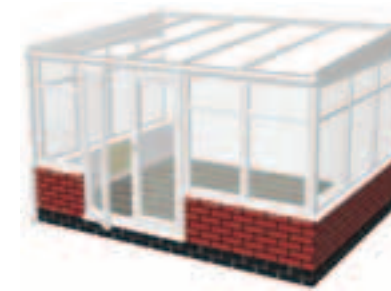
The Carlton Collection brochure has been designed to walk you through the process, one step at a time, to help you design your dream conservatory.



step one...

There's no 'right' decision, just think about how you want to use the internal space, what size is suitable, and what will look the best with your style of home.

...choose a shape



edwardian

For maximum space, efficiency and classic clean lines depicting the era from which this design is taken, this conservatory allows full enjoyment of the space it provides.

double hipped

Particularly ideal for homes with low eaves, this double hipped style of conservatory gives the option of an elegant elevated roof design.

pavilion

The Pavilion style conservatory has a key feature which maximises the feeling of a light and airy feel – the wonderful front elevated windows. The Sunburst gable design feature is optional.

gullwing

This contemporary design has very practical advantages, such as a generous floor area, coupled with the jewel-like quality of the double ended Victorian front, making it an ideal addition to any home.

traditional lean-to

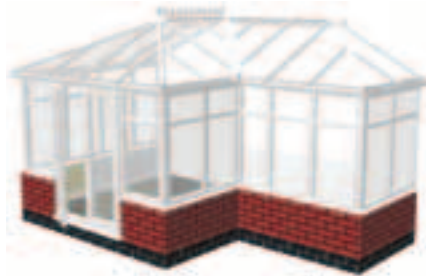
This rectangular, low pitch roof design is the perfect choice for homes with low eaves, such as bungalows. The functional and spacious design makes an attractive addition to any property.

victorian

The Victorian style conservatory can be designed to suit almost any property and space. Its gothic style has stood the test of time and continues to inspire.



...or create your own!



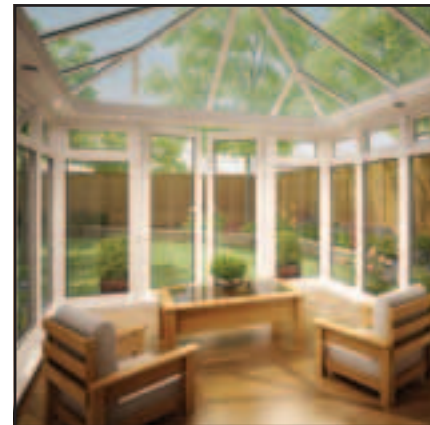
Create something more tailored to your needs by combining the different shapes. Combine an edwardian and victorian to create a 'P' or 'b' shape, or combine two different size edwardians into an 'L' shape.

The additional space afforded with these combinations allow maximum uses – perhaps for dining and relaxing.

consider the capella orangery system

Square or rectangular based designs allow for the use of the Capella orangery system. It uses an aluminium high fronted gutter to hide the roof bars, and an internal soffit, to create the appearance of an orangery.

The eye-catching internal soffit allows the use of low voltage down-lights or speakers, which will make your conservatory the envy of your neighbours, without increasing your build specifications to require additional planning permission.



the
capella
system



step two...

colours

No longer does your conservatory need to be white.

Ensure your conservatory blends in beautifully with your home and its surroundings, and follows any colour restrictions imposed for listed buildings or conservation areas.

Or simply give yourself the satisfaction of being different.

The Carlton range is available in the following range of colours:

- Woodgrain White (not shown)
- Anthracite Grey
- Chartwell Green
- Black brown
- Irish Oak
- Cream
- Golden Oak
- Rosewood

Please enquire with your chosen supplier to discuss exact specifications available.

profile

The profile offers an aesthetically pleasing sculptured look that replicates the look of traditional bead detailing on wooden windows. The system utilises ovolo beads on the internal side.

...colour to suit





crisp and
contrasting

Whatever your choice of external colour, the Carlton range comes with our crisp white internal finish.

step three...

glazing

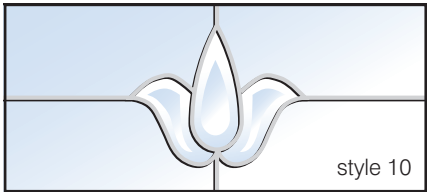
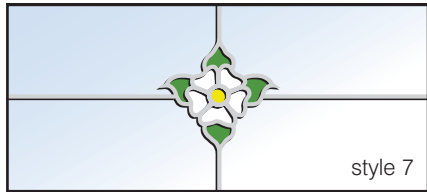
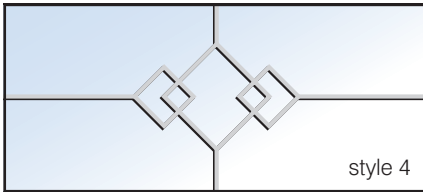
With so much attention given to choosing size, colour and style of conservatory, roof glazing options can be overlooked.

The Carlton range is fitted with polycarbonate in the roof, and clear glass in the frames, as standard, but they are not your only choice. As well as our range of different polycarbonate options, you could choose glass for your roof, or even have the Celsius high performance conservatory glass range installed throughout, for maximum energy efficiency.



Add a personal touch to your conservatory by adding decorative glass to the top light section of your

frames. All of the designs illustrated here are available leaded / etched into the glass, as shown here.



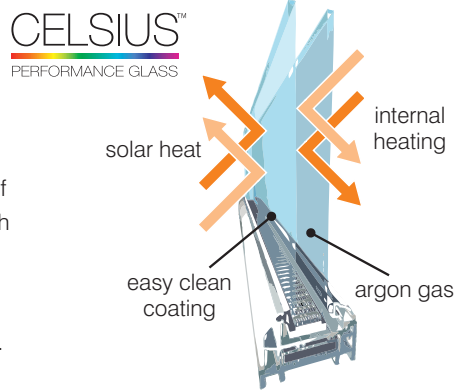
what is performance glass?

Performance glass takes double-glazed units to a new level, by using technology that increases insulation properties and solar protection.

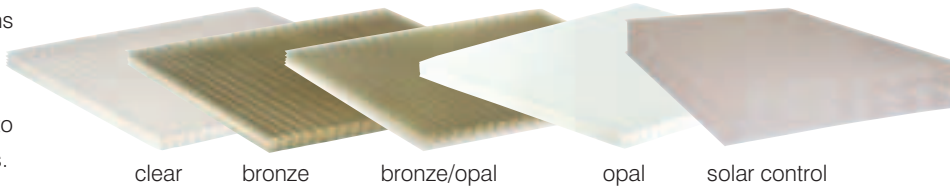
The Carlton range is available with market leading Celsius Performance Glass installed.

Celsius Glass utilises a Low-E and Solar control combination coating, with an Argon filled cavity, to control the amount of visible light, UV and heat that pass through the glazed unit. Easy Clean technology reduces maintenance.

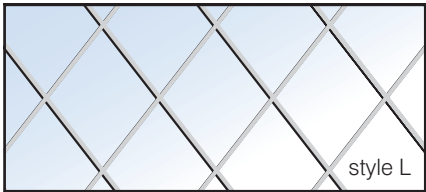
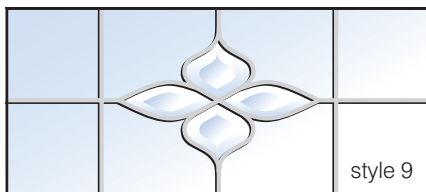
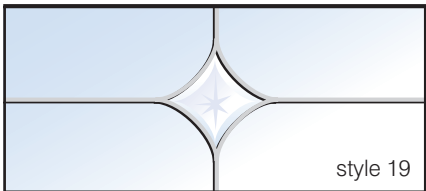
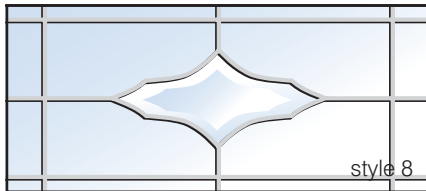
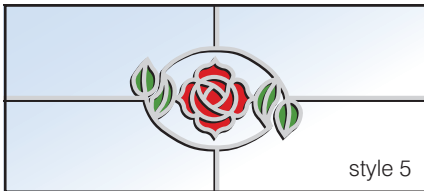
Visit www.celsiusglass.co.uk for more info.



Polycarbonate is available in options to suit most needs. It's stable at a range of temperatures, and can incorporate a Solar Control option to protect from heat build-up and loss.



...have a room with a view

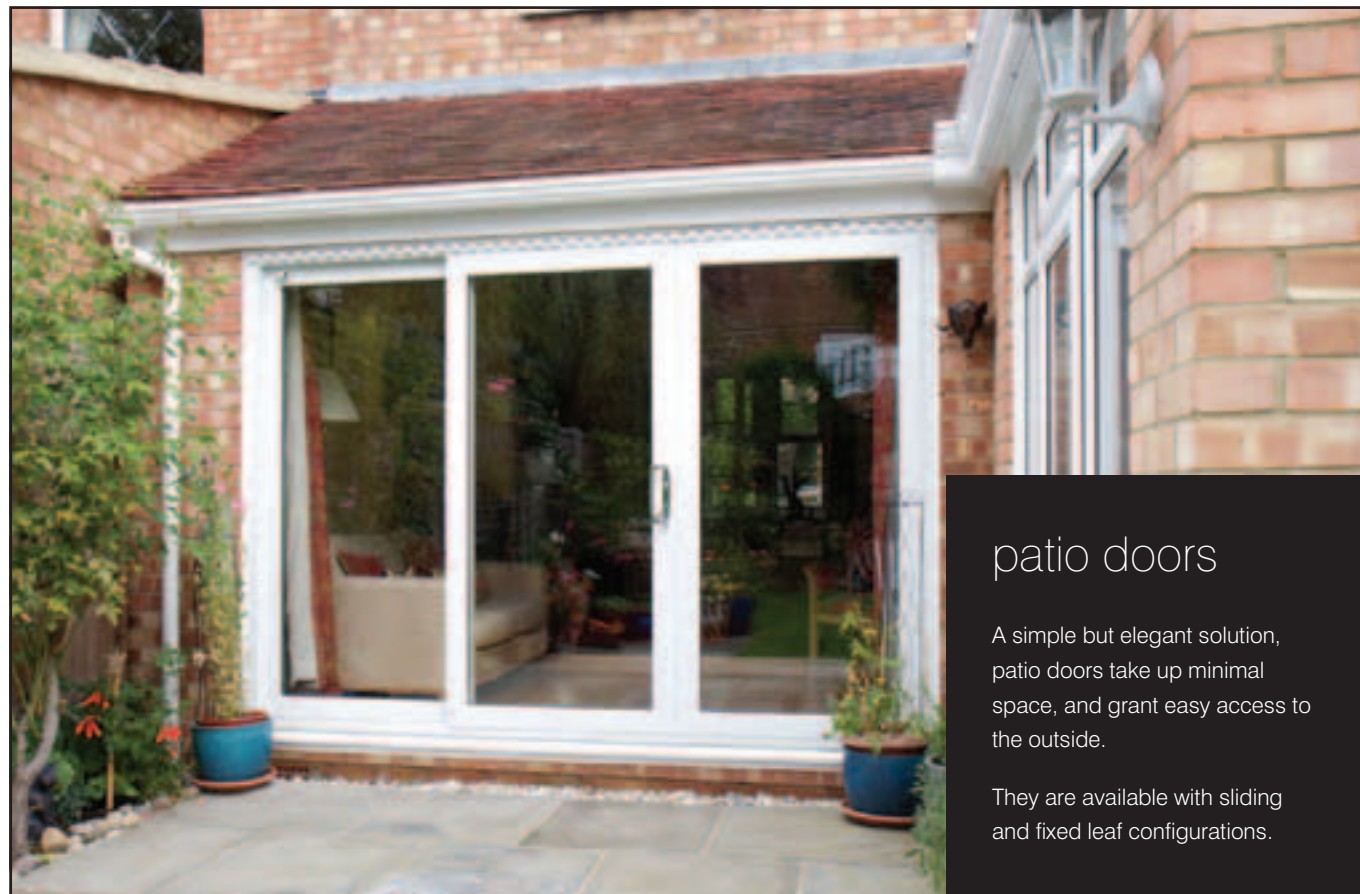


step four...

It's important to consider both the entrance and exit from your conservatory - both from inside the house and from your garden, so we've made the Carlton range available with patio and bi-fold options.

Traditional french or double-doors require space to open into, and can be awkward to prop open during everyday use. Choosing patio or bi-folding doors can make a real difference, allowing you to fully open up your conservatory and appreciate an uninterrupted view.

...make an entrance



patio doors

A simple but elegant solution, patio doors take up minimal space, and grant easy access to the outside.

They are available with sliding and fixed leaf configurations.

bi-folding doors

Perhaps the ultimate conservatory upgrade is the addition of bi-folding doors. You could choose to open up the entire side of your conservatory, bringing the outside in more than ever before.



step five...



roof vents

Roof vents are the ideal solution to control the air flow in your conservatory.

Available manually operated or electrically controlled (with optional rain sensor for optimum protection), they are designed to fit seamlessly into your roof.

Vents shown here may differ from those provided.

We've look at glass to let the light in, doors to let people in, so how about air! Ventilation is easily overlooked, but in the summer months ensuring you have considered air flow will make for a much more enjoyable environment.

The number of opening vents and windows in your conservatory is very much a personal choice, some people prefer to keep costs down by having a minimal amount of windows, where others prefer the flexibility of a window in every panel.

Start by talking to your supplier about their recommended number of windows for your chosen conservatory size and position.



top openers & tilt 'n' turn windows

For maximum control over the air flow in your conservatory, add opening windows.

You could choose to have small opening windows in the top of some (or all) of your panels, or have our tilt 'n' turn windows in the main area, which allow you to open each window in different directions.

...get comfortable

step six...

planning permission

Planning Permission is the decision as to whether or not you can build a particular structure in a particular place.

Current legislation on “permitted development” to properties means that provided you meet certain criteria, there may be no need to submit a specific planning permission request. You should visit www.planningportal.gov.uk to confirm what criteria will apply to you.

building regulations

Often confused with Planning Permission, but actually a separate consideration, this is a set of standards that have to be followed in the building of a structure.

England, Scotland & Wales each have their own regulations, and there may be additional local by-laws that you need to be aware of.

www.planningportal.gov.uk is a good place to find out the details you need to know.

If your build requires a Building Regulations Application you will need to contact your local authority before you proceed.

position

Don't choose your desired conservatory size and style without considering the position on the house.

Be aware of architectural features on the exterior wall, overhanging cables or wires, how it affects access to your garden, and consider your view from upper windows. Think also about the effect on your neighbours.

...avoid surprises

do look down!

Don't forget about the base of your conservatory.

Are there are manholes or other access points that will be covered? Do important pipes or cables run underneath the location?

Consider what foundation building work will be required, or consider alternative bases.

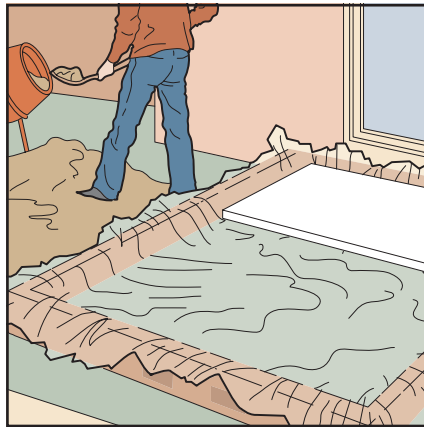
to build or not to build?

Are you confident in your DIY capabilities? Consider whether it would be appropriate to use the services of a professional installer.

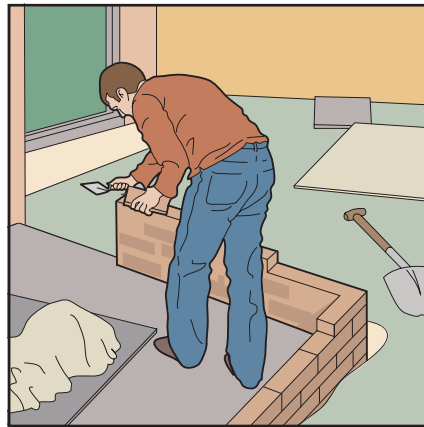
know what to expect during the build



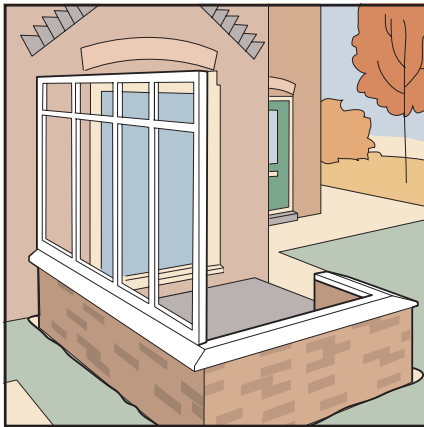
The installer will prepare the site, dig the foundations, install necessary drainage and lay a concrete foundation.



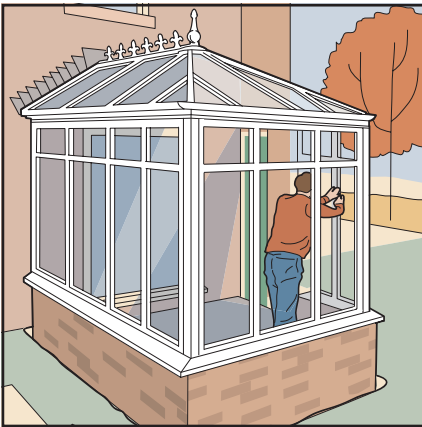
With the foundations laid and the wall constructed to finished floor level, the installer will now prepare the floor slab.



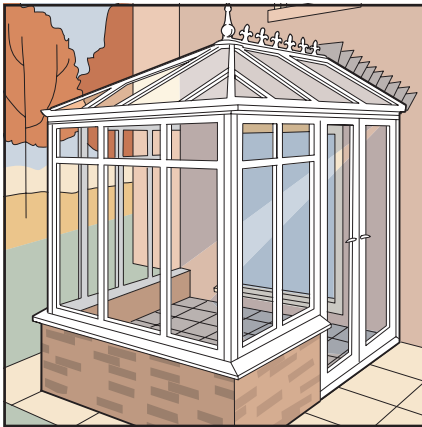
Next, the installer will construct the dwarf wall if required.



With the base in position and the dwarf walls completed, the frames making up the conservatory sides are put in place.



Next the roof is installed. The installer will glaze the roof & fit the sealed glass units to the side frames.



From here, all you have to do is furnish your new conservatory and it's ready for you to enjoy!

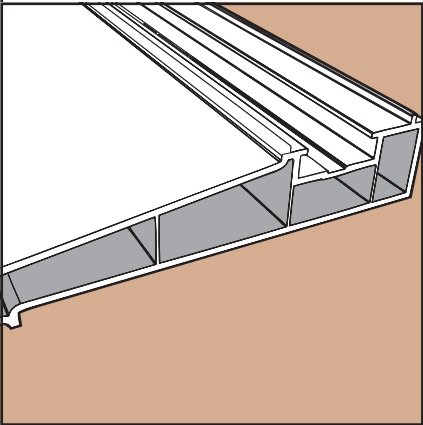
step seven...

When the time comes to build your conservatory, the Carlton Range is designed to make life easy. By using the Konnect Framing System we've ensured you'll be able to fit your conservatory side frames quickly and efficiently.

The Konnect system is made up several unique components, specifically designed for the Carlton Range, that allow you to click, slide and lock all your panels in place with just a single allen key!

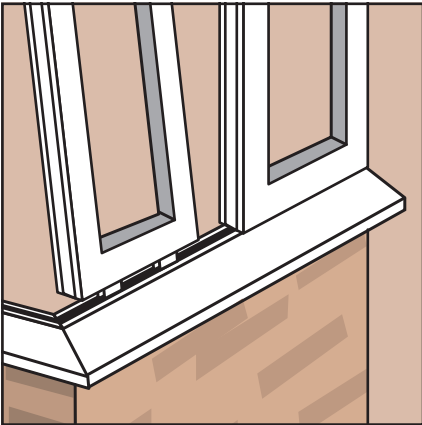
...make it easy

click...

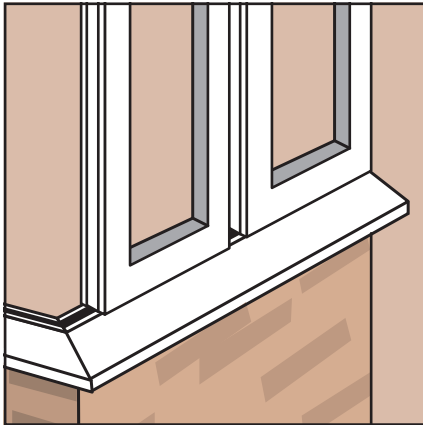


Sills are cut to size, and are ready for the Sill Support Blocks.

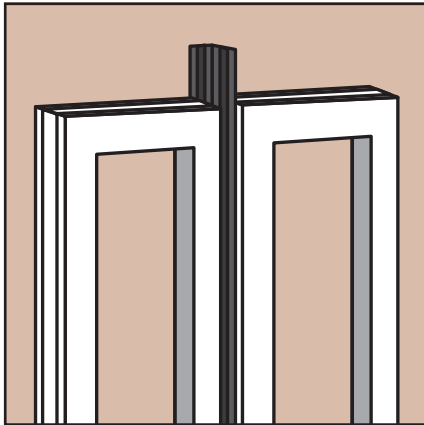
slide...



Sill Support Blocks on the panels locate into the sill, and click into position.

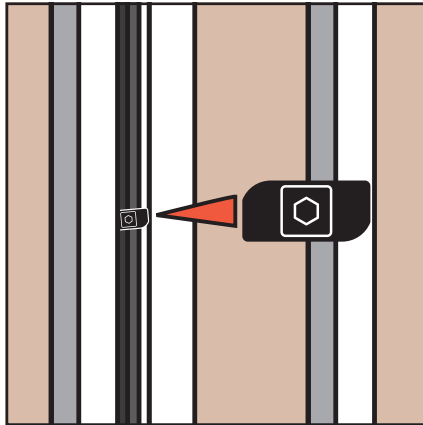


Panels engage into Sill and slide into position.

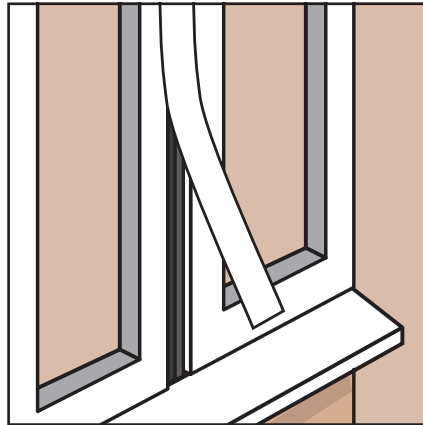


Aluminium Connectors slide down between Panels holding them together.

lock...



Rotating the 1/4 turn Buttons with an allen key secures the Panels and ensures they are the correct distance apart.



Once locked into position the Buttons are used to locate the cover strip, for a clean finish.

minimal screws



less parts for more speed

minimal drilling



to keep it clean and tidy

easy turn buttons



to lock panels together

sill support blocks



that lock panels in place

quicker to install



just click, slide and lock

The Carlton range uses the Konnect framing system, for quick and easy construction of your frames.

step eight...

...just enjoy

congratulations

You've created your dream conservatory. Relax and enjoy the benefits of your new space for years to come!

