

# Evolve Vertical Sliding Sash Windows

*with the benefits of modern day technology*



Synseal's vertical sliding sash windows  
**bring elegance and style to any home.**  
Modern PVCu windows with traditional looks.

evolvevs

 synseal®

[www.synseal.com](http://www.synseal.com)

# Evolve VS Vertical Sliding Sash Windows

*with the benefits of modern day technology*

**Evolve VS windows are manufactured to maintain the elegant proportions of traditional sash windows, whilst incorporating the very best of modern day technology. Evolve VS windows enable your customers to enjoy the low maintenance and high security of PVCu without the problems associated with timber sash windows.**

**Evolve VS windows feature tilting upper and lower sashes for ease of cleaning, low line beads and gaskets for improved sight lines, energy efficient glass to reduce heating bills and above all they are quality assured for your customers' peace of mind.**

From a terraced house to a stately home, Evolve vertical sliding sash windows ensure that every property retains its character and charm. Synseal offer a wide range of styles, colours and hardware options, whilst providing the benefits of modern day technology.

Many buildings have been disfigured by inappropriate window replacements that have ruined the character of the property. Our windows enable you to install new windows that blend into their surroundings. Sculptured Astragal bars, sash horns, two sliding sashes and a choice of hardware all add to the traditional feel of these beautiful windows. Vertical sliding sash windows from Synseal are guaranteed for 10 years as they are manufactured with the highest quality materials under the strictest quality controls.



## ***Safe and secure with a beautiful finish***

Evolve vertical sliding sash windows are fully reinforced with aluminium and sliding sashes are fully reinforced with galvanised steel. This is to not only prevent deflection in windy weather, but also to strengthen the sashes so that they are capable of carrying the weight of the glass and provide a strong secure fixing for handles, latches and other components.

The high quality balances maintain the equilibrium of the sash window at any point of travel and robust locking devices ensure homes are secure. All of this gives you improved strength, greater safety and comfort in the knowledge that the windows that you have purchased are built to last.





**The Evolve vertical sliding sash window from Synseal comes with many advanced features:**

- C WER as standard with optional upgrades
- Low maintenance PVCu profiles with traditional styling
- Fully featured sculptured profiles
- Equal sight lines for top and bottom sashes
- Easy clean tilt facility
- 24mm glazing as standard for enhanced weather performance
- Choices of sill sizes available
- Guaranteed for 10 years
- Georgian or Astragal bar finish available
- Decorative sash horns (optional)
- Run through sash horns (optional)
- Anti-jemmy bar (optional)
- Child/travel restrictors (optional)
- Deep bottom rail for a period look (optional)
- Sill jointers for professional detailing

**Energy efficient and environmentally friendly**

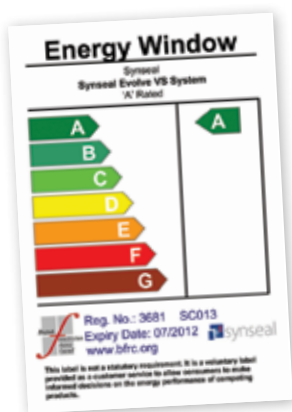
Today window designers have more challenges. Not only do they need to design windows to keep out the wind and rain and let the sun in, but they have to consider the environmental options.

Our windows are not only lead free, but they have a C energy rating as standard, (with optional upgrades to A or B) with low E double glazed glass units to keep the heat in and reduce heating bills. The windows also have brush seals around the openings for exceptional draught proofing.

Choosing PVCu over timber is the environmentally friendly choice. The majority of end of life PVCu windows can be recycled over and over again to produce new windows.



Our VS windows have achieved the energy saving trust recommended mark. Giving your customers peace of mind that they are installing the best energy saving products.



**Delivered in just 5 working days!**

We've invested heavily in setting up efficient and streamlined manufacturing for our Evolve VS windows - meaning we can guarantee delivery within 5 working days.

This quick turnaround is available across the whole range of nine colours enabling you to react quickly to your customers demands.

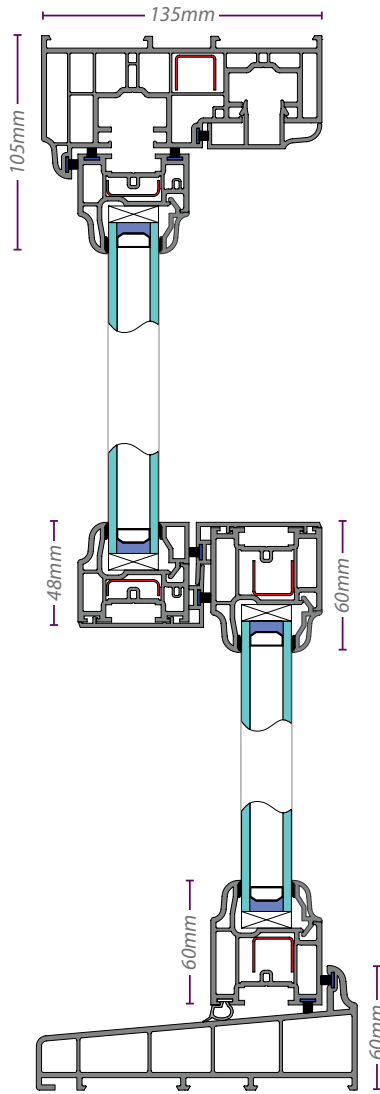
**Sizes available**

**Our vertical sliding sash windows are available between the following sizes:**

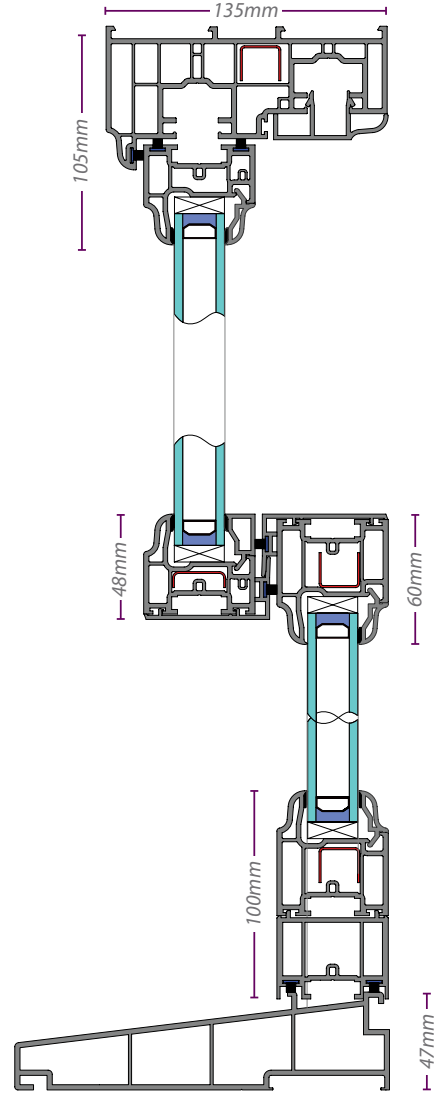
- Minimum sizes 350mm width x 800mm height.
- Maximum sizes 1500mm width x 2500mm height.

## Schematics

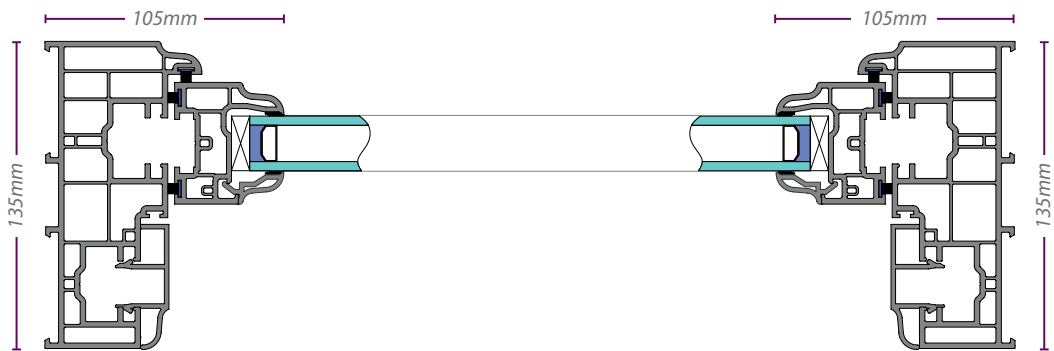
Technical drawings below showing cross sections of the Evolve VS window.



Vertical section through sash with standard sill



Vertical section through sash with DBR and non standard sill option



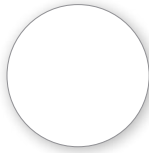
Horizontal section through top sash

## Choose a window to suit your project

Every window we manufacture is made to order. Every home and personal taste is different so we can offer you a wide range of styles, colours and hardware so your window will suit the property they are to be installed in perfectly.

### Non foiled

Our windows are available in the following colour options:



White



Ivory

### Foiled

The foiled finish bring windows to life with a glossy, freshly painted, grained wood effect - a grained wooden finish that never needs painting!



White Woodgrain



Cream Woodgrain



Irish Oak



Golden Oak



Cherrywood

### Foil outside, white inside

Windows can also be ordered with white on the inside and foiled on the outside, see options below:



Golden Oak on White



Cherrywood on White

The colours shown are designed as a guide only. Before making your final decision, please ensure you have seen a foil swatch.

### Hardware

High quality balance weights and hardware are fixed to integral reinforcements for reliable and smooth opening time after time. Hardware is available in white, gold, chrome and satin chrome:



Pole eye - White



Lock - Satin Chrome



Tilt knob - Gold



Sash lift - Chrome



Run through sash horns



Child/travel restrictors

### Bars

To achieve a traditional look without the need for individual units of glass, our vertical sliding sash windows offer a choice of internal/external Georgian glazing bars.



Astragal bars



18mm or 25mm Georgian bars

### RAL colours

Our VS windows are also available in over 150 RAL colours - contact us for full details.

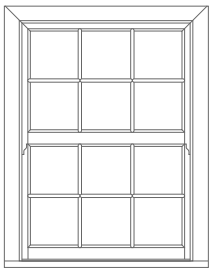


## Shape options:

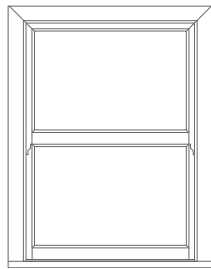
The Evolve VS is available in a wide variety of styles to suit every property. Here are some styles you can order:



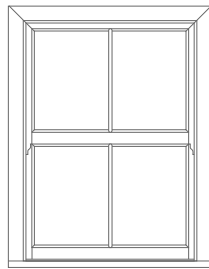
We also offer 90° and variable angle bay posts.  
Email [vsquotations@synseal.com](mailto:vsquotations@synseal.com) for further information.



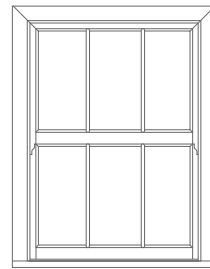
1/2



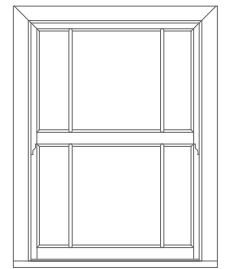
Non-Bar



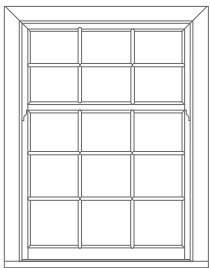
Centre Bar



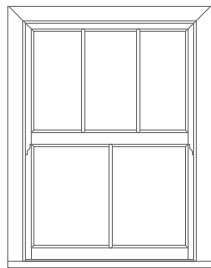
Three Light



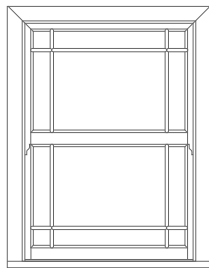
Offset Three Light



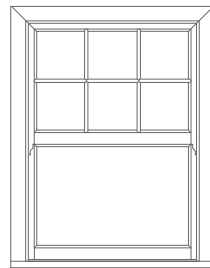
2/5 x 3/5



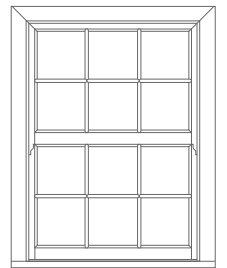
Asymmetric



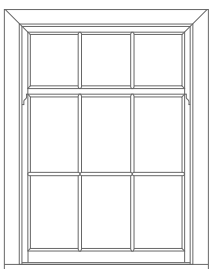
Margin



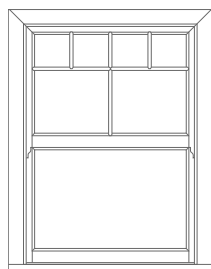
Half Georgian



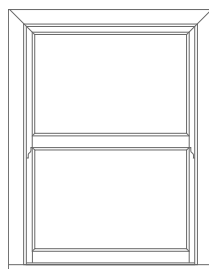
Georgian



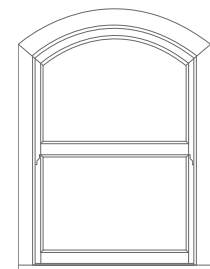
1/3 x 2/3



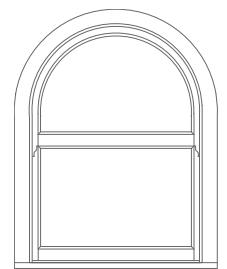
Georgian Variant



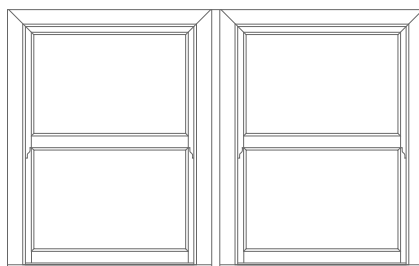
Fire Egress A



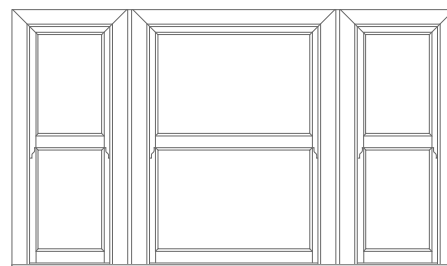
Swept Head



True Arch



Style 2



Tripartite - Style 3



Both sashes tilt open independently for easy access to clean inside and out



Both sashes slide up and down, great for cleaning access and ventilation

