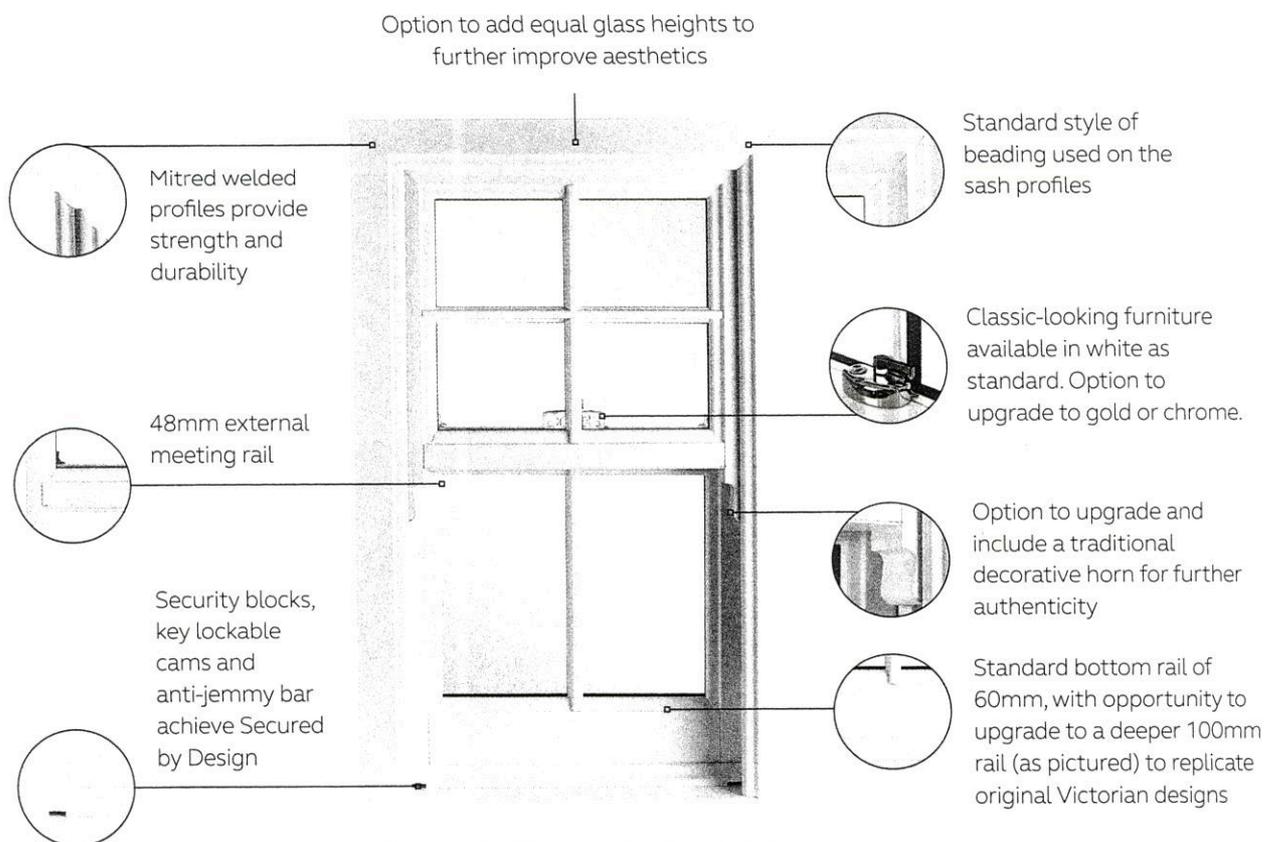
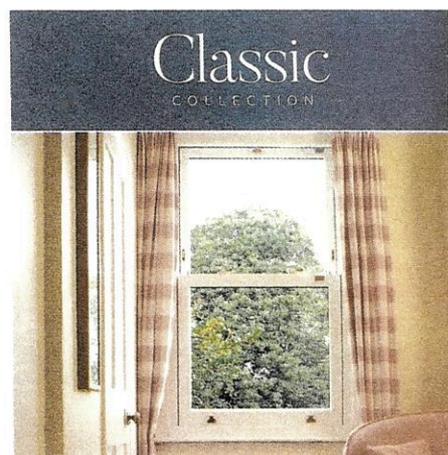


# PVC-U window styles

## Classic Sliding Sash

Finding a way to sympathetically replace timber sash windows on Georgian or Victorian style homes is often a big concern. But you don't have to choose between maintaining the building's historic character and staying warm for many years to come! Our A rated as standard PVC-U Classic Sliding Sash windows offer the best of both worlds. They are designed to replicate the classic look of traditional timber sashes, while incorporating 21<sup>st</sup> century security levels and an outstanding level of thermal efficiency.



Energy rated 'A' as standard for modern energy efficiency levels. Option to upgrade to A+ for increased solar gain and even clearer panes.

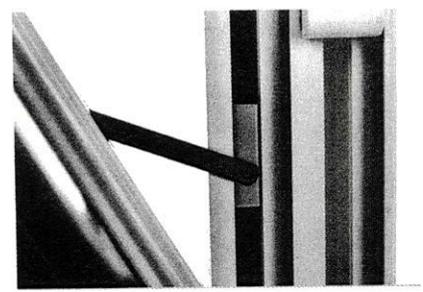


## Section Contents

4.7	Classic Vertical Sliding Sash Components	4.9	Classic Colours
4.8	Classic Glazing Options and Window Energy Ratings	4.10	Classic General Arrangement
		4.11	Classic Parameters

### 4.7 Classic Vertical Sliding Sash Components (VL)

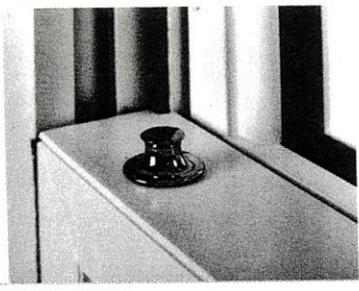
PVCU Sliding Sash windows are supplied with a small sash over a large sash to give equal glass sightlines. All opening lights slide vertically within the mainframe and can also be tilted backwards to allow access to the external surface for cleaning. Where required sashes can be fixed in position. All glazing is secured by internally fitted glazing beads.



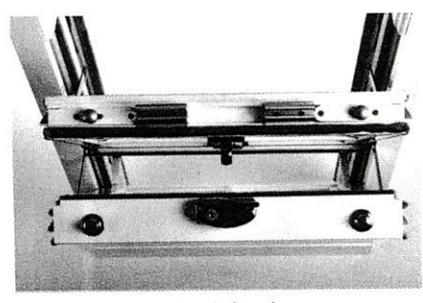
**Spiral Balances**  
 Instead of traditional cords and weights to act as a counterbalance, sashes are fitted with spiral balances, which are pre-tensioned to make them easy to lift.

#### Finger Latch Knobs

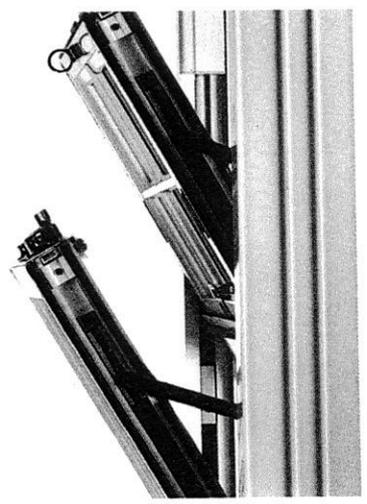
Finger latch knobs on the sashes operate the tilt in facility. On the top sash they are hidden from view and are accessible when the sash is lowered 80mm to the travel restrictor.



*Bottom sash finger latch knobs.*

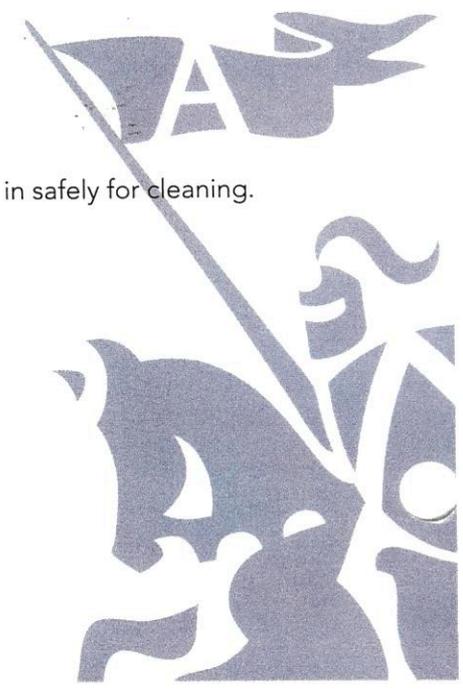


*Top sash finger latch knobs.*



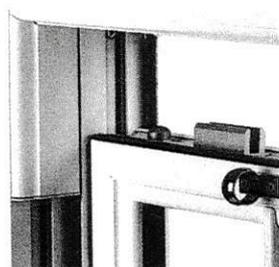
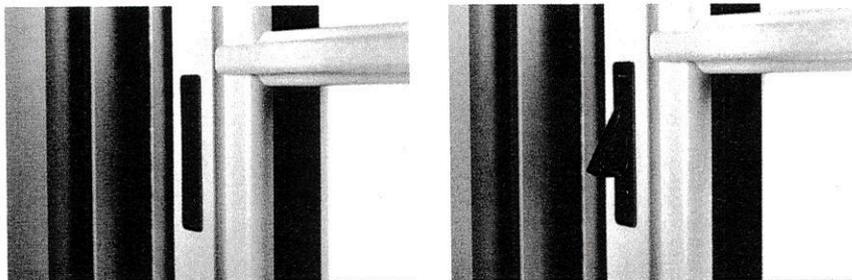
#### Tilt Restrictors

Tilt restrictors allow the sashes to be tilted in safely for cleaning.



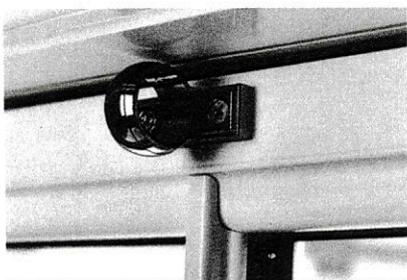
### Limit Stops

Two 'key operated' limit stops are fitted as standard to the top sash. When activated, for ventilation, they limit the initial sash opening to approximately 100mm. Both a safety and security feature.



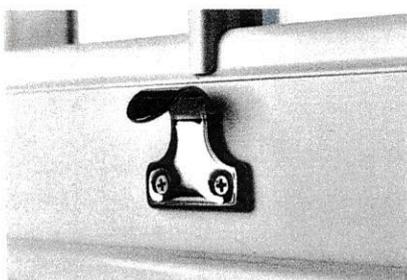
### Sash Stop

Sash stops are fitted to protect the springs from overstretching and damaging the operating mechanism.



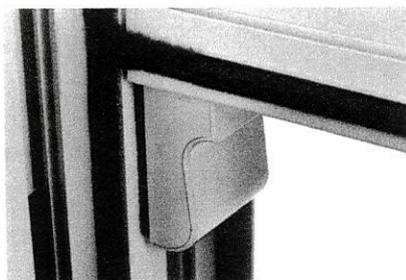
### Pole Eye

Supplied as standard the Pole eye allows the top sash to be pulled down.



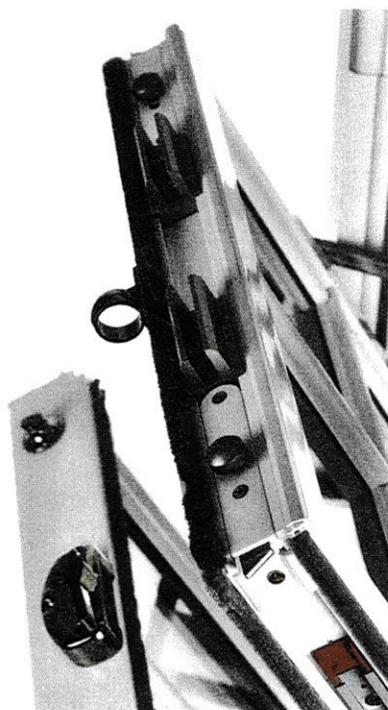
### Lift Handles (Bottom Sash)

To enable the bottom sash to be lifted a handle(s) is fitted to the bottom sash. Lining through with the cam locks 2 lift handles are fitted on sashes with a width greater than 850mm.



### Weatherseals

Pile seals are fitted around the perimeter of both sashes for air permeability and water tightness.

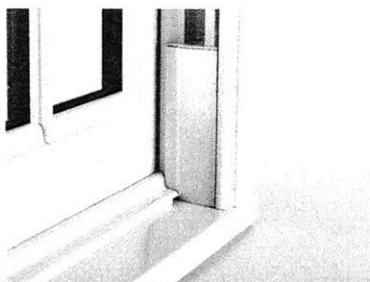


**Security Blocks**

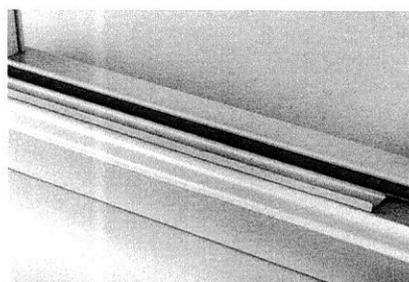
Security blocks are fitted to the top sash to stop lateral force being used to push the sash inwards.

**Anti-Jemmy Bar**

An anti-jemmy bar is fitted as standard to meet Secured by Design performance standards.



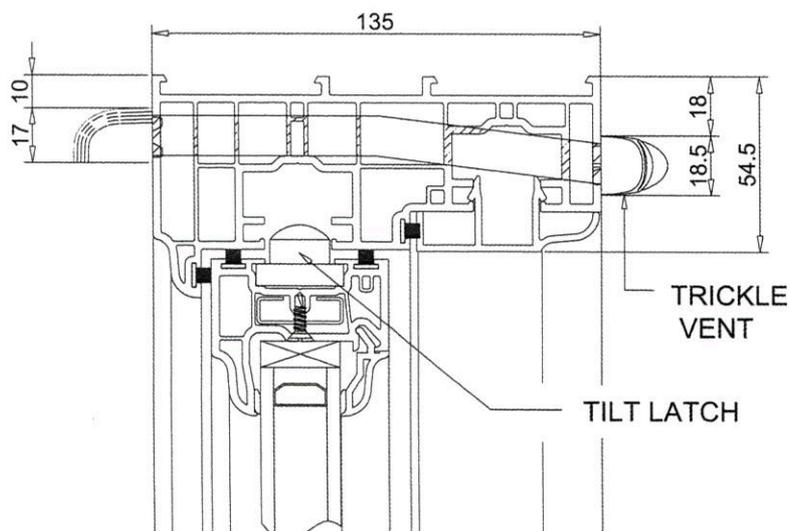
*Bar viewed from outside.*



*Bar viewed with sash open.*

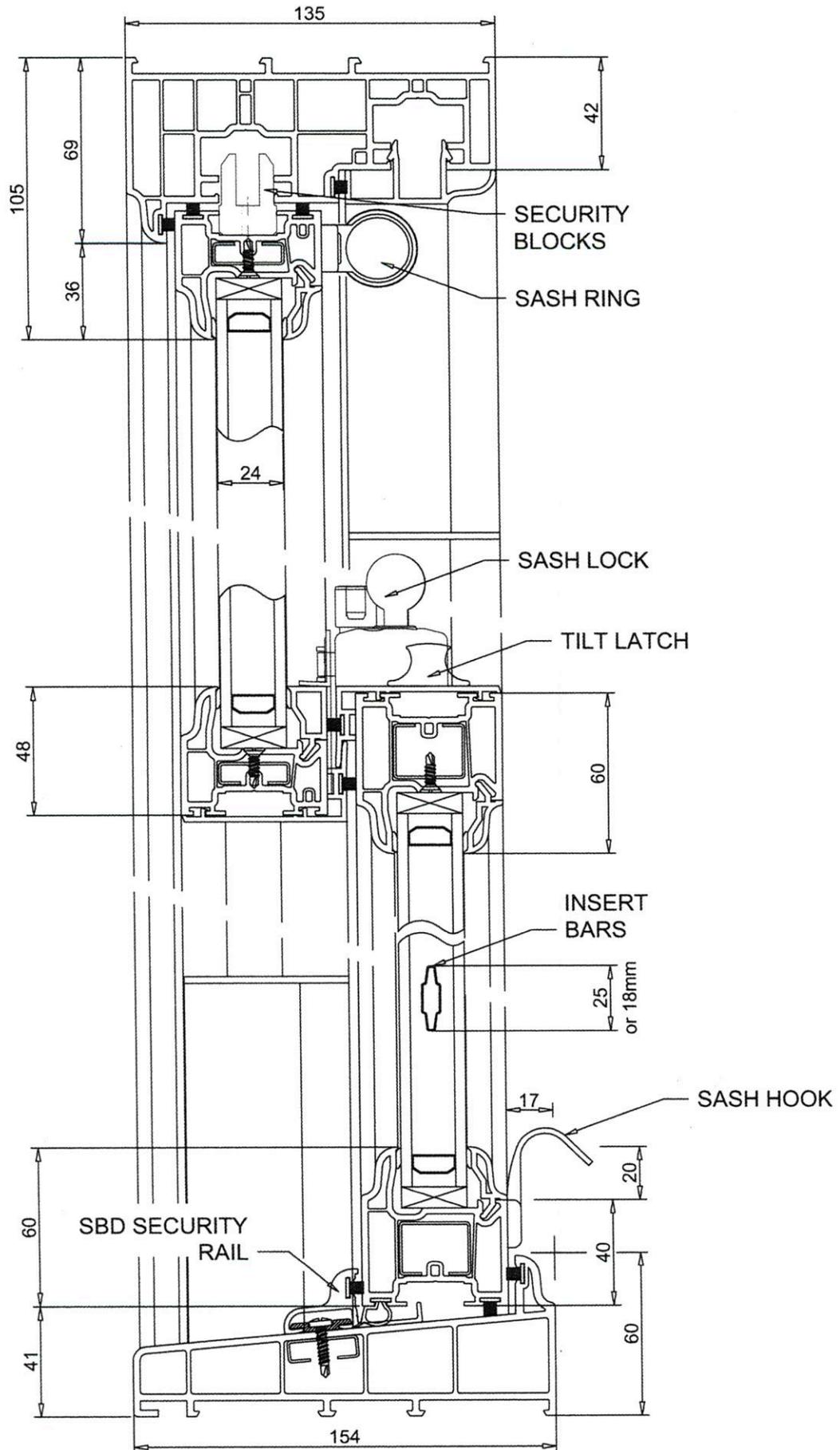
**Trickle Vents**

These will be supplied in frame head when required. For further information on Trickle Vents refer to Section 1.13.



## 4.10 Classic General Arrangement

### 4.10.1 Classic Vertical Section Standard Bottom Rail



## 1.20 Cottage Bar Options

Cottage bars are applied to both the inside and outside of the sealed unit, the external bar is chamfered and the internal bar is featured; both are nominally 25mm at their widest point.

The insert used in the cavity is a 20mm x 12mm black 'Integra' style bar to create the look of individual panes of glass. This option is not available with Clearline spacer, units will be supplied with a box type spacer similar to the insert.

A 'U' shaped clip fitted at the edge of the sealed unit holds the bar at the frame and adhesive backed clips hold the bars at cruciform junctions and bridging pieces are fitted at mid points of long runs. As the bars are not adhered to the glass along their length a co-extruded gasket is applied to the underside of the bar to reduce rattle. It is not intended that this will seal junction between the glass and the bar and it is normal that water and other materials will pass between the bar and the glass.

### Colour Options Available

- White
- White Woodgrain

### Designs Available

- Single Bar (either vertically or horizontally)
- Cruciform
- Multi-way including 'T Joints'

It is not possible to combine Cottage Bar effect with any other decorative glazing effect. They can be applied to standard construction sealed units and safe & sound glass although the reduced cavity on a safe & sound unit may lead to rattle, consideration should be given to minimising runs in products such as doors and side panels with safe & sound glass.

