

Technical Data Sheet – 2020

Conservation replacement sashes & windows

Sashworks

Specialist Window Workshop

01576 202402

## Conservation Windows

*"balancing traditional appearance with modern technical performance and comfort"*

### Timber

Windows made from selected European Redwood from sustainable sources.  
All sections are double vacuum treated with preservative and primed with white microporous primer unless otherwise specified.

### Profiles

Sash Stile and Astragal profiles can be Edinburgh (shown full size opposite), Georgian or Victorian, manufactured to replicate the original mouldings.

Astragals are solid (not stuck on) and all joints are traditional mortice and tenon.

**Sash Profiles:** standard 42mm, 46mm or 50mm thick  
Sash Stiles and Top Rails up to 55mm wide  
Meeting Rails 35mm or 38mm wide  
Bottom Rail 75mm, 85mm or 95mm deep  
Astragals (glazing bars) minimum 24mm wide

**New Windows:** Case Profiles are made to traditional details generally to match originals.

**Renovation:** a pair of reproduction sashes can be fitted to an existing box/case that has been renovated and improved using the Ventrolla System.

### Design

Sash windows in this Victorian Profile can be 1 pane, 2 pane, 6 pane, 8 pane & c  
Arched and Swept Headed sashes, Venetian Windows, Bay Windows and horizontally sliding "Yorkshire Lights" can all use the same profiles for the sliding sashes.

### Glazing

Sashes are factory glazed with our specially designed Conservation double glazed units.  
They have an 6mm or 8mm "warm edge" spacer bar and are made to fine tolerances so that the sight lines can be concealed within the rebates.

Units are bedded on glazing tape, backfilled with "U9" silicone, finished with traditional putty.

*Note - to ensure a weatherproof seal, paint should cover the joint between glass and putty once the putty has begun to set.*

### "Part L" – England and Wales & "Section 6" – Scotland

Compliance with these insulation standards can be achieved using the following specification:

4mm float outer pane, 6mm airspace with "warm edge" spacer bar, 4mm "K" glass inner pane plus Argon gas fill. Overall unit thickness 14mm.

### Note

*Sashes below 42mm thick cannot normally comply with insulation standards*

Various glass types available on request including safety glass, patterned glass and special glass where faithful reproduction of historic detailing is required.

### Performance Standards

The patented Ventrolla System is built into all new case and sash windows to make them draughtproof beyond the highest requirements of BS6375. They will also open and close easily. Ventrolla "Sash Removal System" is fitted as standard to facilitate long term maintenance (complies with CDM regulations).

### Hardware

Brass centre catch, sash eye and sash lifts are fitted as standard. Many decorative and security options are available to order. Sashes are normally hung on cords, pulleys and weights. Spiral balances can be fitted if required.

### Listed Buildings and Conservation Areas

Windows are made as reproductions of originals and are therefore suitable for Conservation Areas and Listed Buildings. It is advisable to check each specific case with the Planning Authorities. We can also provide samples and full-size section drawings that may be required in applying for permission to use our windows.

### Guarantee

All joinery, glazing and Ventrolla systems (if properly maintained) are covered by a written 5 year warranty.

### Awards

Ventrolla Draughtproofing System - Winner of Design Council Award 1986

Sashworks Double Glazed Windows - Regional Winner of John Logie Baird Innovation Award 2000

