



By Appointment to
Her Majesty The Queen
Manufacturer and Supplier
of Secondary Glazing
Selectaglaze Ltd.
St. Albans



improving the environment in church buildings...

Church buildings share a need with most of our built heritage to adapt to the current environment and present needs.

Whether in use by a congregation or deconsecrated for other purposes such as theatres, concert halls, even homes there is a need to consider the current environmental problems of noise pollution and energy conservation.

Purpose made secondary glazing will substantially improve a building's environment leaving the existing windows unaltered. Heat is conserved, drafts are much reduced, unwelcome noise is minimised and security enhanced.

Noise containment is particularly important for concert halls with close neighbours.

Selectaglaze secondary glazing is:

- Purpose designed to closely match the existing window
- Discretely fitted with minimum visual intrusion
- Offered in many colour shades to suit the building's décor.
- Easy to use and maintain
- Demountable if reinstatement required

Conserving energy

Selectaglaze Secondary Glazing has highly efficient draught seals and, by introducing a double skin of glass with an insulating layer of air, it can:

- Reduce heat loss through the window by **up to 65%** and meet Part L standards
- Minimise cold draughts
- Improve comfort levels and space utilisation

Peaceful environments

Selectaglaze secondary glazing fitted with an air gap of 100mm or more will reduce noise levels typically by **42 - 45dB**

Enhance security

Secondary glazing provides a second barrier to entry and can therefore deter intruders. Selectaglaze offers products that are licenced to Secured by Design, the police crime prevention initiative.

Heritage issues

Consent is required for work within listed buildings. Secondary glazing is accepted as a reversible adaptation by English Heritage, Historic Scotland, SPAB, Victorian Society and The Georgian Group.

selectaglazeTM

Secondary Glazing Systems



discrete designs

The comprehensive Selectaglaze system has been developed to treat almost any style of window. The frames are made from aluminium which is an ideal material to use in traditional buildings. It is strong, lightweight and can be extruded to form the slender, complex shapes needed to accommodate seals, fixings and specialist hardware. A permanent finish, normally paint, is easily maintained and prevents corrosion. Aluminium does not distort but can be factory curved to follow the existing window design.

Vertical Sliding

A popular treatment for traditional sash windows allowing easy access for ventilation. Panels are supported by spring balances for safe operation and contra slide or tilt in to facilitate cleaning. A wide range of size and performance criteria can be met with the choice of four frame designs.

Horizontal Sliding

Ideal for treating timber and steel casement windows. Frames can be coupled to deal with large or ribbon windows. The panels run on glide pads or rollers providing easy access to the external window. Three frame designs are available.

Hinged

These are particularly suited to French windows and Sash and Case windows where full access is required. They are also applied to traditional sash windows when minimum visual impact is an important consideration. High compression seals and multipoint locking ensure optimum performance. Hinged units can also be glazed with sealed units to achieve triple glazing when environmental needs are paramount. Five frame designs are available.

Shaped

Traditional buildings have a rich variety of window designs including Venetian sash, Gothic, Bow windows and curved casements. Selectaglaze systems can be sympathetically shaped and curved to match almost any window.

Quality Assurance

Selectaglaze is certified to ISO 9001 through the Loss Prevention Certification Board and has received recognition through the granting of a Royal Warrant.

Products are submitted to rigorous performance tests for independent certification.

Thermal Efficiency: U-value assessment through the Centre for Window and Cladding Technology (CWCT)

Noise insulation: Tests at Taywood Laboratories to BS EN ISO 140-3:1995

Blast resistance: Tests at Spadeadam blast test range to ISO 16933

Intruder resistance: Tests at BRE and LPCB to LPS1175 and BS7950

Founded in 1966, Selectaglaze is the UK's leading specialist designer of secondary glazing systems and has a wealth of experience working in buildings of all types.



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