



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

# selectaglaze™

secondary glazing systems

*designed to preserve your style*



## what is secondary glazing?



*Secondary glazing is an additional window frame fitted to the room side of an existing window or door. The position and style of this new frame will depend on its purpose and the end-user needs.*

*It is not a new concept and some 19th century buildings were constructed with a second double hung sash window to improve comfort.*

*Today's high performance secondary glazing uses modern materials and offers a wide range of styles that are equally at home in both contemporary and traditional spaces.*





## why use secondary glazing?

*Secondary glazing offers a very practical and sympathetic addition that will markedly improve comfort levels and allow better use of space*

*The rich tapestry of window designs that adds to the architectural character of buildings is worth retaining both for aesthetic and practical reasons but these windows often provide poor performance. Single glazing is a major cause of heat loss and discomfort and provides little protection against noise, a growing form of pollution.*

*Bespoke secondary glazing can markedly reduce heat loss by more than half and will almost eliminate drafts, and therefore dirt ingress, providing a more comfortable environment with lower energy costs. It acts as a significant barrier to noise offering peace and quiet even in the noisiest location. Safety and security are also enhanced when strengthened glass and locking systems are fitted.*



## sensitive design



*Secondary glazing can be designed to have minimal visual impact, a particularly important consideration for listed buildings.*

*Aluminium is a strong material allowing compact but complex shapes that accommodate seals, gaskets and window hardware. Clean lines to the frames, and for casement windows the use of colour matched flush hinges and the option of removable handles, all help to achieve a sympathetic but practical solution.*



*Most treatments involve the use of sliding or hinged designs which allow full access for ventilation and cleaning.*



*Aluminium sections can be curved allowing secondary glazing to follow the lines of arched or shaped windows. It is possible to curve hinged casements, vertically sliding sashes and fixed panes to full radius or gothic shape.*

*Easily maintained and very durable powder paint or architectural anodised finishes are available with an extensive choice of colours that will complement any interior décor.*

*A wide range of glass specifications is available to meet almost any need. These include energy efficient low emissivity glass, acoustic laminates, toughened glass for safety, anti-bandit glass for security, laminates to absorb UV light that damages fabrics and paintings, patterned, opaque or switchable glass for privacy.*



## careful delivery

*Both functional and aesthetic needs should be considered through an initial technical consultation. Window dressings will often be an important consideration and when major refurbishments are undertaken the interface with other building elements must be taken into account.*

*Work in listed buildings requires listed building consent. Both English Heritage and Historic Scotland recognise the practical advantages offered by secondary glazing and accept it as a reversible adaptation. Permission should be granted in most cases.*



*Once designs are agreed a detailed survey is completed on each window and CAD drawings produced for all shaped windows. The bespoke frames are fully fabricated in the workshop which allows rapid installation with minimum disruption to a business or home.*



## about selectaglaze



*Selectaglaze has been the leading innovator in both design and application of secondary glazing systems since 1966 and is proud to have been awarded a Royal Warrant in 2004. All products are manufactured at its factory in the city of St Albans and a very experienced team is able to deal with projects of all sizes and complexity.*

*The company works in a wide variety of buildings, many of them prestigious landmarks with listed status. Clients include Hotels, Universities, Government bodies, Estates, Museums, Offices, Medical establishments, Churches, Housing Associations and Private Homeowners.*

*Evidence for product performance is provided to designers and clients through independent test and evaluation. These are conducted for acoustic and thermal performance, protection against intruders, blast mitigation and fire resistance.*



*Quality standards are maintained through certification to ISO 9001 with twice yearly audits through the Loss Prevention Certification Board.*



# SELECTAGLAZE™

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