



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

selectaglaze

Secondary Glazing

Supreme Court



Benefit: Warmer, Quieter and Safer

Type: Refurbishment

Listing: Grade II*

Located on Parliament Square, opposite the Houses of Parliament and close to Westminster Abbey and the Treasury Building, is the UK's first Supreme Court.

Working on behalf of the Ministry of Justice, the design team for the Supreme Court, led by Feilden and Mawson and supported by Foster & Partners, developed refurbishment plans conserving the fabric of the building while creating a modern working environment.

Main contractor Kier Wallis called upon Selectaglaze, the UK's leading secondary glazing specialist, to help improve the building's environmental credentials and security through designs and specifications sympathetic to the complex variety of windows found in this Grade II* Listed building.

One key objective was to achieve BREEAM rating 'Very Good' which required a significant improvement in the thermal efficiency of the windows and reduction

in draughts. The use of a hardcoat low emissivity glass within the secondary window lowers the U-value, a measure of heat loss, to below 2.0.



selectaglazeTM

Secondary Glazing

Sound insulation was equally important for the proceedings of a Court set so close to one of the busiest parts of London with its constant noise from heavy traffic and crowds of tourists. The Selectaglaze windows glazed with a thick laminated glass can reduce noise levels by more than 45dB and will also markedly improve the security of this sensitive building.

The project required 450 separate window frames ranging from hinged casement, vertical sash, fixed and horizontal sliding to sympathetically treat the very wide range of window styles. This included a significant number of gothic arches and three large shaped acoustic screens between the public gallery and Courtroom 3.

Founded in 1966, and Royal Warrant holders since 2004, Selectaglaze has a wealth of experience working in buildings of all styles, including Listed properties.

A wide range of extensively tested products and fully bespoke manufacture allows sympathetic designs to be created for all types of window.

Literature and guidance notes covering acoustics, thermal performance and added security are offered together with a technical advisory service and a RIBA approved CPD Seminar.

