



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

# selectaglaze™

Secondary Glazing

## County Hall



**Benefit:** Warmer and Quieter

**Type:** Renovation

**Listing:** Grade II\*

This iconic Grade II\* Listed building began construction in 1911, although World War 1 and 2 halted completion until 1958 (and while it was being built, a 3rd Century Roman ship was discovered!). For 64 years, County Hall served as the home of the British Government, in the form of the London County Council, and later the GLC (Greater London Council) and ILEA (Inner London Education Authority). Under the new owners, County Hall has been renovated into a vibrant complex of hotels, offices and visitor attractions. The main Riverside Building houses the London Aquarium, London Dungeon attractions as well as the Premier Inn and Marriott Hotels.

In 2016, London venue company ‘etc.venues’ announced plans to open a conference and event space in County Hall. Based on the fourth floor with stunning views across the Thames, the venue opened for business in January 2017. It features 20 multi-purpose interconnecting spaces including two river fronting suites for groups of up to 900.

Shortly after acquiring the lease for the south section of the fourth floor, ‘etc.venues’ appointed Synergy Architects and Jestico & Whiles as executive and design architects

respectively. A bespoke solution was needed for acoustic and thermal insulation. An important aspect of the client’s brief was careful restoration of the period features.





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The original steel windows for example can only be cleaned from the inside, so this facility needed to remain. The nature of the business and the noisy external environment required a demanding level of sound attenuation and compliance with BREEAM requiring special measures to reduce heat loss.

Synergy Architects turned to Selectaglaze, to install thermal and acoustic efficient secondary glazing, except where there were dado rails, which the Conservation Officer was keen to retain.

As there were no rising ducts of a satisfactory size, air needed to be supplied and extracted through the existing windows. Only windows facing onto the light well or the courtyards could be used and subsequently the top panes of most of the windows facing into the light wells were boxed in and used for ventilation openings.

Main contractor KPS Partnership Ltd arranged a successful trial with Selectaglaze samples. Thereafter, Selectaglaze installed a total of 148 secondary glazing units which were a combination of horizontal sliders and lift-out units. Those units exceeding 1600mm high were fit with a 6mm toughened low-E glass. A minimum glass to glass cavity of 150mm allowed for optimal noise reduction. All aluminium profile and timber grounds were powder coated in a matt grey finish.

The successful installation of secondary glazing has enhanced business prospects at 'etc.venues', with conference rooms, event suites and bars now providing an ambient and warm environment to suit any event requirement.

