



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

selectaglaze™

Secondary Glazing

Royal College of General Practitioners



Benefit: Quieter and Warmer

Type: Refurbishment

Listing: Grade II*

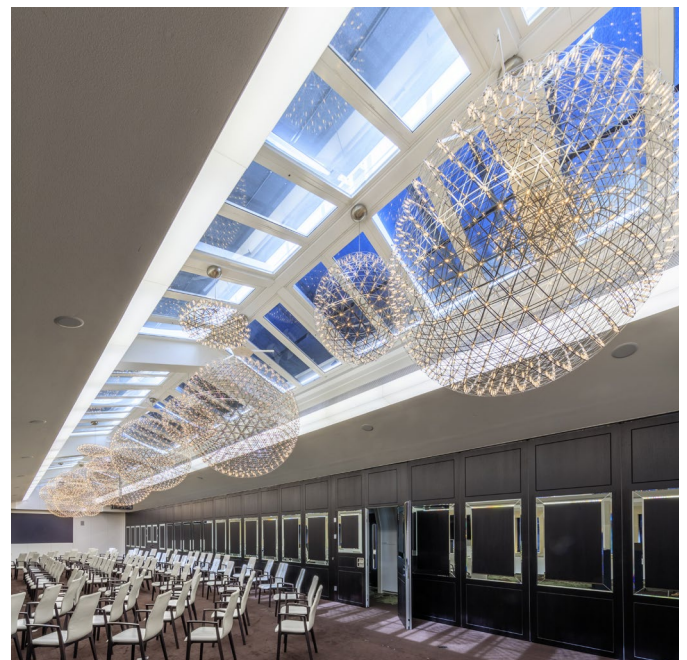
30 Euston Square is a stunning Grade II* Listed building dating back to 1906. It has a grand Victorian façade with an original Greek revival style entrance hall and internally is full of ornate architectural details. It is considered to be one of the most important works of the renowned architect Arthur Beresford Pite (1861 – 1934).

Initially built as the headquarters of the London, Edinburgh and Glasgow Assurance company, it then changed hands and became home to various Governmental Agencies following the advent of the National Health Service in 1948. Maintaining the legacy of the health related professionals who have occupied the building since it was constructed; in 2010 it was acquired by the Royal College of General Practitioners (RCGP), who have taken up the tumultuous task of refurbishing and upgrading its spaces. The RCGP is the largest medical Royal college with over 52,000 members, supporting trainees and GPs alike on key issues relating to their profession.

Selectaglaze has a long standing relationship with RCGP and has carried out a number of installations to different areas of the building over the years. Located in an extremely

busy part of London and having only single glazed steel or timber casements, thermal insulation and more importantly noise insulation needed to be upgraded to improve the environment for the users.

The relationship began in 2010, when the new owners decided it was necessary to undertake works to reduce noise





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ingress on the façade overlooking the Euston Road. The State Room on the top floor is often let out for private functions, yet suffered from noise ingress through the beautiful roof lights spanning the length of the room. To make it more attractive for the users of the space, it was decided to treat them with secondary glazing. However, with all the extra weight of the frames and heavy acoustic glass, some preparatory work had to be done, with reinforced steel framing added upon which the secondary glazing was fixed. Side hung casements were specified and installed which meant full access was maintained for cleaning and maintenance of the roof lights and also gave an uninterrupted view of the original glazing.

Again, on the same façade, on a few of the lower floors there are study rooms where GP members can stay when they are on College business. Secondary glazing has been installed to prevent noise from passing traffic. The lower floors contain examination rooms, where around 3,000 GPs a year take their final assessments. These rooms required optimum noise reduction to enable complete concentration for students who were near to gaining their medical qualifications. A mixture of units were installed, including vertical and horizontal sliding units and side hung casements.

In 2012/2013, Selectaglaze returned to install secondary glazing to other areas of the building, which were either used for RCGP staff or as tenanted office areas. These were mainly overlooking Euston Square and a few of the study bedrooms towards the rear of the building.

The option of double glazing was explored for all the treatments, but as the building is Listed, the original windows had to be retained. Yet, even if new windows had been installed, the required reduction in dB would not have been achieved. Secondary glazing is not only accepted in Listed buildings by most heritage agencies, due to it being a reversible adaptation; but is also the most effective method of reducing noise ingress and egress.

The local area has changed dramatically in recent years, with Euston Station set to become the end point of the new HS2 high speed rail link.

In 2016 Selectaglaze was approached to install secondary glazing to areas of the RGCP building on Stephenson Way and Euston Street to help combat any noise from the building work. Working to an architect's specification, the design was finalised and after listed planning consent was granted, installation began. Works were carried out over a number of floors to a vast number of openings, creating quiet reflective spaces for those working in the offices. All units specified grant access to the primary windows, to enable the maintenance and cleaning.

With works in the surrounding area due to finish in 2026 – the projected date for the opening of the new terminus, the occupants should feel a difference in their offices, exam rooms, study bedrooms and other event spaces; with a nice quiet environment where they can sleep well, concentrate and hear themselves think.

