



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

selectaglaze™

Secondary Glazing

Liverpool University - Sherrington Building



Benefit: Quieter

Type: Refurbishment

Liverpool University created a peaceful learning and research environment in their laboratories, with the help of Selectaglaze secondary glazing.

In 1882 The University College, Liverpool was successfully formed. The University College, now known as Liverpool University was based on the site of a disused lunatic asylum next to the Royal Infirmary and Medical School. In 1903, the College was granted a Royal Charter establishing the University of Liverpool.

Liverpool University has recently undergone renovation works to ensure it continues to provide a world class student experience in their research environment. Works also included improvements and refurbishment to the rest of their existing estate. One of the key issues identified was the noise ingress in the Sherrington Building, making it disruptive for research and learning.

Fenestral, who has worked with Selectaglaze for over 20 years, was approached to create a solution. Working closely alongside the Architects AA Projects they decided on a solution that not only reduced the outside noise, but was also an unobtrusive adaptation.

The ceiling in the laboratories sits lower than the windows with a raked bulkhead, which left limited space for installation and posed a challenge for the type of system that could be used. Using a combination of the Series 46 fixed at the top of the windows, Series 41 and 45 side hung casements beneath, allowed the windows to be opened, creating a subtle adaptation.

Another requirement was to incorporate blinds within the secondary glazing, which have a room side knob control to the side of the windows. These provide privacy for the students and keep the blinds free from dust.

Secondary glazing can reduce noise levels to around 45dB providing there is a gap of at least 100mm between the primary and secondary glazing. As well as noise reduction, it assists in saving energy costs, reducing the amount of heat lost from a building by up to 50%.

Barry Higson, Project Manager at the University of Liverpool said; "The product is well specified and manufactured and does exactly what it says on the tin!"

So far Fenestral has installed 158 units, all of which are fully assembled in Selectaglaze's factory to enable minimal disruption and rapid installation to fit in with the University's timetable.

