



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

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Secondary Glazing

Sherborne House



Benefit: Quieter

Type: Refurbishment

The design for the office space on the second floor was entirely open plan and a major issue was the ingress of the outside noise emanating from the hustle and bustle of one of

Sherborne House, 119-121 Cannon Street, EC4 is a multi-let property situated in the heart of London’s financial district Cannon Street, equidistant from Monument underground station and Cannon Street station. The surrounding area was initially the place of residence of the candle-makers, so Cannon Street first appeared as ‘Candelwrichstrete’ (Candle Maker Street) in 1183. The name was shortened over 60 times as a result of the local cockney dialect and settled on Cannon Street in the 17th century and is therefore not related to the firearms! The location has changed immensely over the years and is now well served by numerous bus routes and is within close proximity to many coffee shops, restaurants, bars and shopping destinations.

Clad in Portland stone, this historic office building has been the subject of a recent transformation. The frontage of Sherborne House benefits from the addition of a new entrance, canopy, and newly cleaned stonework. Internally, the fit out included new AHUs (air handling units) and enhancements were made to the landlord areas including lobbies, stairwells and toilets to both stairwells.





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London's busiest roads. It is often the case that offices such as Sherborne House are located near to transport links and in busy areas where outside noise levels are high, this can distract attention and make people less efficient at work. The recommended ambient noise level in a meeting room is 35-40dB and a cell office 40-50dB, whereas outside street noise levels can be 70-80dB.

When there is a cavity of at least 100mm between the primary and secondary glazing a reduction of 45dB is achievable. An additional benefit of secondary glazing is thermal retention, with the use of high performance twin seals, it virtually eradicates unwanted drafts and a U-value of 1.8 is possible.

Twenty1 Construction contacted Selectaglaze, the leading specialist in secondary glazing, to provide them with a solution to improve the acoustic insulation of the existing primary windows, which could not be replaced. Secondary glazing is an ideal solution to dramatically reduce noise levels and is renowned for its thermal efficiency.

All the original openings were remodelled including the relining of the reveals and removal of the old heating system. On completion of the building works a survey was undertaken for 17 new secondary glazing units from the slimline range. Both series 10 horizontal sliding and series 20 vertical sliding units were used. Each was surveyed and manufactured for a specific opening to ensure a perfect fit to achieve the desired performance.

Overall the results look fantastic, in particular the featured sub-lights on the front elevation and the four full radius headed vertical sliders on the rear - the space now looks modern and fresh.

The newly refurbished second floor offices are now an ideal environment to house a new occupier, thanks to Selectaglaze soundproofing the space against the road traffic noise.

