

Case Study:

Peregrine's Pianos

An installation of 4 acoustic doors with varying performance ratings and finishes



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Peregrine's Pianos is an independent piano showroom and practice space on the Grays Inn Road, Camden, in central London. The newly refurbished building, previously a run-down café now provides first-class practice facilities for musicians, plus a range of instruments from Europe's leading independent manufacturers for sale and hire. The new base for proprietor

Dawn Elizabeth Howells follows her previous venture, Belsize Music Rooms in North London, and consists of a grand showroom plus 3 rehearsal rooms.



Dawn Elizabeth Howells said "the new facility is light years away from the building I inherited from the previous owners. I wanted to create

a quiet oasis in the heart of central London, allowing people to rehearse in high acoustic performance rooms using the finest instruments available."

Inside the new facility three IAC STC47 / Rw47dB performance acoustic doors were installed at the entrance to each of the rehearsal rooms, isolating noise from one another and the adjoining passageways. Each of these installed doors were 30 minute fire rated with DDA approved vision panels and polyester powder coated white to complement the décor of the rooms.

The highlight of the new showroom is the glazed acoustic front door, etched with the logo of Peregrine's Pianos into the vision panel. Due to the level of outside noise caused by the busy road and junction, an IAC STC54 / Rw53dB high performance door was used. IAC Acoustics also custom designed the door frame to fill the 2850mm opening so that a regular 2100mm door leaf could be used for access. Security was of the utmost importance with the contents of the showroom being of significant value. To overcome this, the front door was also fitted with a double Europrofile deadlock system

in addition to a magnetic shearlock with a loading of 1500kg to allow access control and additional security.

Dawn also added "I am very happy with the new acoustic doors; they look smart and work exceptionally well. The main front door in particular has attracted a good deal of attention; the difference in noise levels outside, on busy Grays Inn Road and inside the shop, are so pronounced."

Kane Watkinson, Product Director for acoustic doors & windows commented "Peregrine's Pianos was a very unique project to work on. IAC Acoustics was chosen due to the high performance of our doors and proposal of a custom glazing solution; the final result has proved our ability to adapt our products to meet the individual requirements of each client."



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