



TITLE: *HOTEL ANTOINETTE* Kingston, UK

IAC Bulletin: TWPF/01.02

IAC EQUIPMENT SUPPLIED:

A Trackwall® 60 Series Movable Wall System

This established hotel near London has adjacent restaurant and conference rooms which frequently need to be opened up to create one large function space. Many years ago a movable wall system was installed to divide the area. This ultimately failed to provide an effective acoustic barrier so, to boost sound reduction, a secondary wall was erected. However, even this proved inadequate, acoustically, when two separate events took place, side by side. The 'double wall' arrangement was also difficult and time consuming to set up and dismantle.

With demand for the function rooms increasing, the hotel's manager, Peter Hartnell, could see that a proper and lasting solution to the problem of room division was essential. A call to IAC was followed swiftly by a visit by two of IAC's engineers to undertake a free acoustic survey of the dining/function space. The existing walls were providing, at best, sound reduction amounting to 36dB. This simply wasn't adequate to contain the noise generated by music and amplified speech when two events were simultaneously in progress.

Once the old structures were removed, IAC installed a Trackwall 60 Series movable wall system with a sound reduction rating of 54dB. Thoroughly tested and proven, the system comprises 100mm thick individual panels, suspended from a neat, concealed overhead track. When in position, a simple, handle-driven scissor jack mechanism ensures that the top and bottom seals in each panel form a tight acoustic bond with floor and ceiling. Panels can be manoeuvred easily, in and out of position, by one person, in just a few minutes. And with its tough, washable, melamine finish - matching different decorative schemes on either side - the new Trackwall system is both practical and attractive. And Peter Hartnell's verdict?: "The system looks good and works extremely well, allowing us to maximise revenue from our dining/function space".

