Harrington Court, Kensington, London

Developers/Main Contractor: Harmonix Ltd
Architects: Colyn Foulkes & Partners Ltd

Products installed: C40 & 208 floor systems

Built in the early 1900’s, this prominent corner building has been converted into luxury flats on five floors above ground floor retail units. The existing flooring on each storey was divided between timber and lightweight concrete, both very uneven and differing in height by up to 90mm.

The Royal Borough of Kensington and Chelsea demanded that sound insulation values exceeded the requirements of Document ‘E’ and proof of performance was demonstrated from existing test results.

The InstaCoustic technical team carried out a design and build contract that overcame the floor height variations, created a continuous level floor throughout each storey, and accommodated underfloor services.

The adaptable C40 cradle and batten system was installed throughout each floor and adjusted on site to establish a level floor over both the existing timber and concrete floors.

In the areas of timber flooring a 208 system was then installed on top of the lowered C40 system, for enhanced acoustic performance, bringing the floor height up to the same level as the areas of concrete flooring.

On the first floor the finished floor height had to be raised to 300mm, by using a 275mm batten, to provide sufficient access height for soil pipes to get over a reinforced joist and be routed to the back of the building.