

case study

PARK PREWITT HOSPITAL, BASINGSTOKE



Developer: **Taylor Woodrow**

Main Contractor: **Thomas Homes**

Products installed: **None required**

Built in the early 20th century, Park Prewitt Hospital was used for shell shock victims of World War I. After its closure it stood empty before being sold by English Heritage for refurbishment and conversion into residential apartments.

Its construction was 100mm reinforced concrete floors with 150mm timber beam & block plus tongue and groove timber planking

Prior to commencement of refurbishment works, InstaCoustic was appointed to conduct acoustic testing to establish the building's sound insulation requirements to comply with Building Regulations, Part E.

This service provides developers with proof of performance for the acoustic systems and enables them to eliminate any potential over specification and avoid the possibility of costly failures and later project delays.



The InstaCoustic team erected test booths on site and installed a variety of acoustic systems that were all tested by independent UKAS accredited acousticians. The results showed that the building met Part E requirements without the need for any acoustic floor, wall or ceiling systems. Airborne 49dB (Regs. = not less than 43dB) Impact 58 dB (Regs. = not more than 62dB)

Although no acoustic systems were needed in this case the value of the InstaCoustic service for early on-site testing was clearly demonstrated and made the developer significant savings.

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