

case study

Efficient flooring upgrades for local authority flats

Products used: **C30/25 cradle & batten adjustable acoustic flooring**

Owners: **London Borough of Ealing**

Main contractor:
Niblock Building Contractors

Southfield Lodge, a three storey 1970's block built around a courtyard, has undergone a complete refurbishment and upgrade to all of its one and two bedroom flats.

InstaCoustic's cradle and batten high quality acoustic flooring was specified for all areas of every flat following a successful test flat installation.

This was to demonstrate that the minimum height of the system (72mm) was both viable and met the acoustic requirements of Approved Document E. Furthermore, installation of the new floor throughout the entire test flat had to be completed in one working day.

Once the floor levels had been verified the recycled rubber cradles were set out, the battens placed and acoustic insulation quilt laid between them. To compensate for the lightweight structure of the building, an additional layer of 19mm plasterboard was glued and screwed to the battens before the 18mm chipboard finish was cross laid to it.

The InstaCoustic flooring was specified as it provided various benefits:

- A proven and reliable product with rapid, easy installation to a high quality finish.
- Height adjustable on site and laser-levelled to provide a completely even floor surface.
- Excellent acoustic performance exceeding the requirements of Building Regulations.

The planned sequential installation proceeded extremely well, in confined areas, and co-ordinated efficiently with other trades, resulting in a contract for a further 32 flats to be upgraded.



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