

case study

BROADWAY PLAZA, BIRMINGHAM

Developer: **CALA Homes**
Main Contractor: **Linford Construction**
Architects: **Ian Derby Partnership**
Acousticians: **R.W. Gregory**

Products installed:
C40 floors; AC90/2 ceilings

Broadway Plaza is a mixed use redevelopment and regeneration of the buildings and surrounding site of the former children's hospital close to the centre of Birmingham.

CALA Homes undertook the residential element of the development which involved the construction of 114 new timber frame apartments. Each of these apartments was fitted with acoustic floor and ceiling systems from InstaCoustic which provided excellent sound insulation against airborne and impact noise levels.

Considerable on-site testing was carried out by acousticians, R.W. Gregory, to demonstrate both the performance levels and the cost-effectiveness of the InstaFloor products and their ability to comply with, and exceed, Building Regulations, Part E.

The InstaFloor C40 cradle and batten system for concrete floors was specified for its acoustic performance and because it could be levelled on site to overcome the need for any screed or wet trades.

The AC90/2 suspended ceiling system for concrete ceilings is both Warrington fire rated and adjustable. Together, some 6,000m² were installed by InstaFloor for the main contractor.



Tel: +44 (0)118 973 9560 Fax: +44 (0)118 973 9547
Email: sales@instafloor.co.uk www.instafloor.co.uk
InstaFloor, Insta House, Ivanhoe Road, Hogwood Business Park,
Finchampstead, Wokingham, Berkshire. RG40 4PZ. UK