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 used 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 InstaCoustic products and their ability to comply with Building Regulations, Part E.

The InstaCoustic 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 InstaCoustic for the main contractor.