Alice Gate, Ash, Surrey & Town Gate, Petersfield, Hants.

Developer: ABL Homes

Architect: Philip Design Associates

Main contractor: Silverdene Homes

Flooring contractor: InstaCoustic

Product installed:
- C40 acoustic flooring system
- AC90/2FP acoustic ceiling system
- Isolation strips

ABL Homes has used the same combination of InstaCoustic products at two further developments due to their performance qualities and previous good experience of the overall InstaCoustic service.

In both cases ceramic tiles were fitted above the adjustable C40 flooring without the need to close batten centres and are guaranteed for 10 years with Norcros adhesive.

At Alice Gate a total of 280m² of C40 cradle and batten flooring and over 380m² of AC90/2FP acoustic ceiling were installed in eight flats in a new two storey block. In addition isolation strips were fitted under stud part walls.

Alice Gate test results:
- Airborne: 48dB D’n,T,w+C’n (Building Regs. = not less than 45dB D’n,T,w+C’n)
- Impact: 55dB L’nT,w (Building Regs. = not more than 62dB L’nT,w)

At Town Gate a total of 570m² of C40 cradle and batten flooring and over 540m² of AC90/2FP acoustic ceiling were installed, together with isolation strips fitted under stud part walls, in a new two storey block of apartments, attractively designed to look like several adjoining town houses.

Town Gate test results:
- Airborne: 56dB D’n,T,w+C’n (Building Regs. = not less than 45dB D’n,T,w+C’n)
- Impact: 54dB L’nT,w (Building Regs. = not more than 62dB L’nT,w)