

case study

OATLANDS, GLASGOW



Developers: **Gladedale & Glasgow Housing Assoc.**

Main Contractor: **Gladedale**

Architects: **Galdedale & Holmes Partnership**

Flooring Contractor: **Gladedale & Veitchi (Scotland) Ltd**

Products installed: **C60 acoustic flooring**



Oatlands is a vast new housing development outside Glasgow of flats in two, four, five and six storey properties as well as terraced housing. An on-going eight year project, it contains private residencies as well as social housing built in partnership with Glasgow H.A.



To ensure sound insulation requirements meet Building Regulations, the high performance C60 cradle and batten system of acoustic flooring was specified. Installed over concrete slabs, this adjustable system can be levelled on site to produce even floors while providing an underfloor void for services. Due to the failure of competitive flooring, InstaCoustic are monitoring all installations to ensure that all floors pass the necessary acoustic tests.

Test results were:

Airborne: 56dB $D_{nT,w}+C_{tr}$ (Building Regs. = not less than 52dB $D_{nT,w}+C_{tr}$)

Impact: 51dB $L'_{nT,w}$ (Building Regs. = not more than 61dB $L'_{nT,w}$)

CS23