

case study

WOODFORD MILL, WITNEY, OXFORDSHIRE

Developer/Main Contractor: **CALA Homes**
Architects: **Architects Design Partnership**
Acousticians: **R W Gregory**

Products installed: **C40 floors; AC160 ceilings**

This picturesque riverside development is a unique blend of refurbished historic buildings and new properties constructed from traditional materials. The mill has been converted into a museum surrounded by various houses, cottages and apartments created from the original Cotswold Stone buildings and a small number of new constructions.

As part of the sensitive conversion of original buildings to modern homes, acoustic floor and ceiling systems from InstaCoustic were installed to provide high quality sound insulation, level floors and compliance with Building Regulations Part 'E'.

On-site performance testing established the effectiveness and cost-benefits of the InstaCoustic systems. In addition to its sound insulation properties, an important advantage of the C40 floor system was its ability to be levelled during installation to overcome uneven floors which, in the original buildings, were some of the worst encountered by InstaCoustic.

Installation of the C40 acoustic floors and the adjustable, Warrington fire rated, AC160 suspended ceiling was undertaken by InstaCoustic,

with a specific client requirement that the ceiling beams and bulkheads to the windows were to be left exposed. Together the systems provided high quality sound insulation throughout the development.



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