



Acoustic performance and Part E compliance

NHBC Services

Hit your target Part E performance with NHBC

NHBC will help you achieve compliance with Part E of the Building Regulations, with sound insulation testing, expert advice and consultancy. We can also help you to discharge noise-related planning conditions and undertake environmental noise surveys.

Early design advice is crucial to minimise failures, ensure compliance and reduce the potential for costly and disruptive remedial measures being needed later in the build programme.

- Requirement E1 states that separating walls and floors shall provide reasonable sound insulation. The Approved Document sets performance criteria and details how to demonstrate compliance with pre-completion testing.
- Requirement E2 covers internal walls and floors, for which the Approved Document sets laboratory test performance criteria.
- Requirement E3 states that reverberation in common parts of buildings containing dwellings shall be controlled.
- Code for Sustainable Homes offers credits for enhanced sound insulation performance.

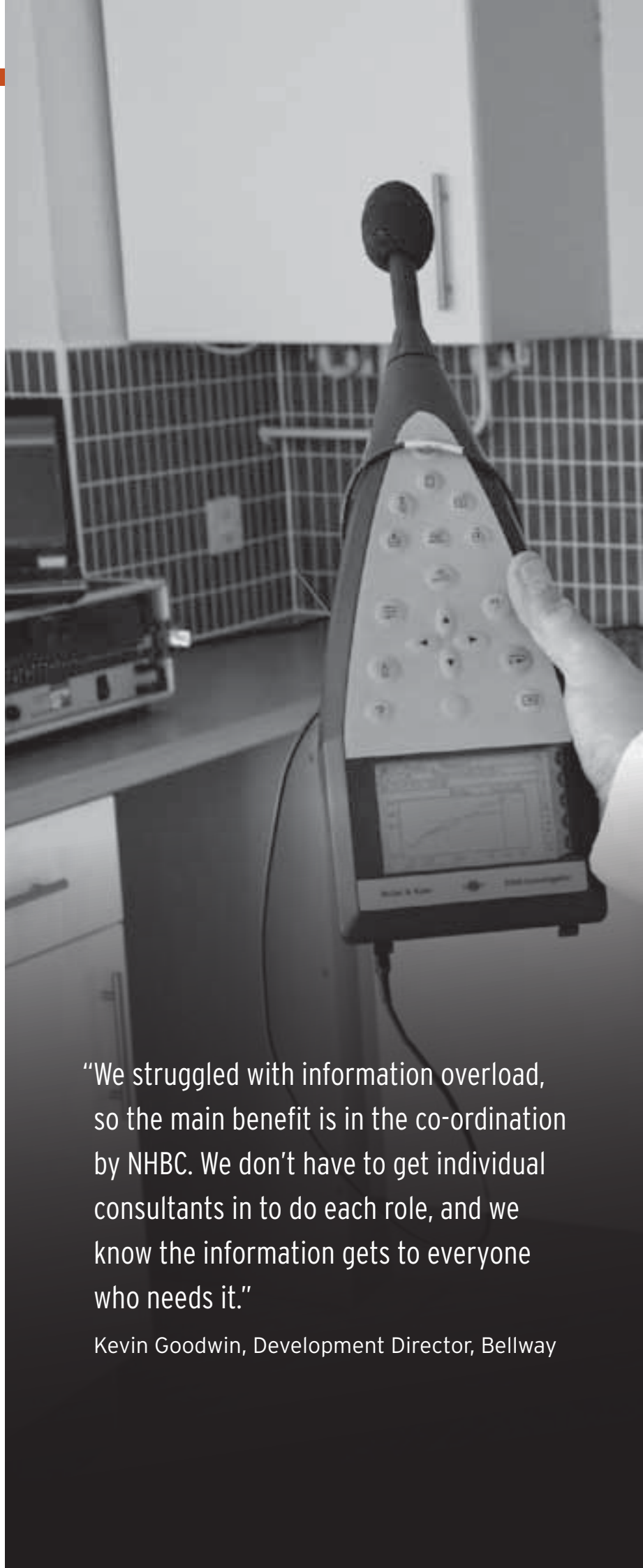
Our services

For Part E, NHBC provides pre-completion testing to determine as-built performance and demonstrate compliance.

Our expert design advice can help you identify the best way to achieve the required performances cost-effectively and enable you to avoid common pitfalls which could otherwise result in costly remedial works.

Our environmental noise survey and consultancy service will help you discharge noise-related planning conditions. Let us help specify acoustic performance requirements for elements that will mitigate against external noise (i.e. façade, fenestration, barrier/bund etc.).

Visit www.nhbc.co.uk/acs for our **Acoustics factsheet** for more details on acoustic requirements from planning through to occupancy.



“We struggled with information overload, so the main benefit is in the co-ordination by NHBC. We don’t have to get individual consultants in to do each role, and we know the information gets to everyone who needs it.”

Kevin Goodwin, Development Director, Bellway

How NHBC's services help you

We have integrated our services to simplify compliance and help you save time and effort. Our efficient service and affordable pricing means you can save money too.

Our acoustics team co-ordinates with NHBC's Building Control team, and, with your permission, shares results directly with them to clear technical conditions quickly for you. Our experts will support your project and help you by:

- sharing a single set of information you submit via the Extranet
- advising on construction and material specification to achieve the required performances cost-effectively
- agreeing the pre-completion testing programme with NHBC Building Control and using their information about when units will be ready for testing
- monitoring and advising on testing progress.

More ways we can help you

Code for Sustainable Homes

We can help you select constructions that deliver the enhanced acoustic performance criteria to earn Code credits.

Commercial schemes

NHBC expertise on non-residential and mixed-use projects - the acoustics team liaises closely with our BREEAM and SBEM assessors plus Commercial Building Control.

Part L compliance

Our joined-up service for energy and air leakage testing co-ordinates the different requirements and integrates with Building Control. Save time, effort and money with NHBC.



UKAS accredited for
Acoustic testing

Why choose NHBC?

- **Improved designs** - expert advice for specifying materials and constructions that comply.
- **Cost-effective compliance** - independent advice, competitive pricing and some free remedial advice.
- **Meet your deadlines** - a fast response for testing to fit your schedule.
- **Management reports** - feedback to improve future schemes and performance trends.
- **No need to be NHBC registered to use our services.**

A good price too!

We work hard to keep our costs down - a financial benefit we pass on to our customers - so we can provide an efficient service at an affordable price!

- **Save time** - partnering with NHBC will help your build programme run more smoothly.
- **Save effort** - you don't have to deal with multiple consultants.
- **Save money** - working more efficiently and keeping costs down.



Call us on **0844 633 1000** and ask for **'Acoustics'** with technical queries, **'Sales'** for a quote and to book a test, or email acoustics@nhbc.co.uk

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