

Specialists in Building Acoustics

noise.co.uk are a UKAS accredited test laboratory and are eligible to conduct all pre-completion testing for all the BREEAM schemes as well as providing essential advice at the design stage.



Our services

Desktop Studies:

- Plans checking.
- Design of party walls and floors to meet sound insulation requirements and, in case of failure, can provide essential mitigation advice for achieving a pass.
- Design of the building envelope.
- Enhancement of room acoustics to meet reverberation time criteria.

We are able to provide information that will allow your clients to achieve BREEAM acoustics related credits with the lowest cost outlay.

Pre-completion testing for:

- Sound insulation to BS EN ISO140-1&2 and BS EN ISO 717-1&2 to meet ADE 2003+X dB and privacy standards.
- Reverberation time to Table 8 of BS8233 & BB93
- Ambient noise levels to meet tables 5 & 6 from BS8233 and Section 1 of BB93.
- Noise impact assessments to BS4142.

Our credentials

- Established acoustical consultancy with more than 30 years experience in building acoustics including completion of over 100 BREEAM and CSH projects.
- Local Authority Building Control's endorsed and "preferred and endorsed" acoustical consultancy.

noise.co.uk
noise and vibration consultants

The Code for Sustainable Homes (Hea 2) 4 Credits									
<ul style="list-style-type: none"> Credits are achieved by improving on minimum sound insulation value given in Approved Document E. <table border="1"> <thead> <tr> <th>Standard</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>Building regs + 3dB</td> <td>1</td> </tr> <tr> <td>Building regs + 5dB</td> <td>3</td> </tr> <tr> <td>Building regs + 8dB</td> <td>4</td> </tr> </tbody> </table>		Standard	Credits	Building regs + 3dB	1	Building regs + 5dB	3	Building regs + 8dB	4
Standard	Credits								
Building regs + 3dB	1								
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BREEAM Offices, Industrial and Retail (Hea 13) 1 Credit									
<ul style="list-style-type: none"> Specific indoor and ambient noise level criteria for unoccupied office spaces using table 5 & 6 BS8233. Sound insulation criteria between 'acoustically sensitive' spaces. 									
BREEAM Prisons (Hea 13) 2 Credits									
<ul style="list-style-type: none"> Specific indoor and ambient noise level criteria for unoccupied spaces using table 5 & 6 BS8233. Sound insulation criteria between 'acoustically sensitive' spaces Reverberation time criteria for spaces used for speech are taken from table 8 BS8233. Specific teaching spaces should adhere to guidance given in BB93 									
BREEAM Healthcare (Hea 13) 2 Credits									
<ul style="list-style-type: none"> Sound insulation and ambient noise criteria based on HTM 08-01 Reverberation time criteria based on HTM 08-01 									
BREEAM Schools (Hea 13) 3 Credits									
<ul style="list-style-type: none"> Sound insulation and ambient noise criteria based on BB93 Reverberation time criteria based on BB93 Further credits are gained by improving on the standards in BB93 									
All BREEAM Schemes (Pol 8) 1 Credit									
<ul style="list-style-type: none"> BS4142 noise impact assessment confirming new noise sources will have no effect on nearby noise sensitive areas. 									

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