



ENS Acoustics
consulting

ACOUSTIC CONSULTING

Environmental Noise Solutions (ENS) is an independent acoustic consultancy specialising in noise in the built environment.

We undertake projects that encompass small, local development projects and new school developments through to major developments including large residential developments and hotels.

Our consultants all have a broad range of experience, both in the public and private sector, and who all work to our high standards of delivering the best possible service to our clients in a proactive and responsive manner required by the modern, commercial environment we all work in.



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Acoustics at work for you

DELIVERING THE SOLUTIONS YOU NEED

Whether it be the control of external noise break-in, or building services noise requiring control, our aim is to deliver the solutions that you require for your 'work, rest or play' environment.

Detailed measurements of noise levels give our consultants the information we require to analyse your problem and provide you with a value solution that will ultimately allow you to profit from your investment in acoustics.

flexible solutions for your business needs

ACOUSTIC SOLUTIONS

- NOISE CONTROL THROUGH DESIGN.
- IMPLEMENTATION NOISE CONTROL.
- REVERBERATION CONTROL.
- BARRIER AND BUND ATTENUATION.
- WALL AND FLOOR DETAILING.
- BUILDING ENVELOPE ANALYSIS.
- ROOM ACOUSTICS.
- SPEECH INTELLIGIBILITY.

BUILDING ACOUSTIC SOLUTIONS

Whether you are simply looking to satisfy the requirements of your local planning authority or those of the Building Control authority for your development, ENS Acoustics will not only provide you with a robust solution but at a budget to meet your own commercial requirements.

Our key recommendation to clients is that should there be acoustic issues associated with any noise sensitive development it is important to seek advice as soon as possible.

From the lowly separating floor between two apartments to the more sensitive requirements for radio and television broadcasting, early design input of measures to control noise within these environments is key to having an end product that meets the requirement of the 'brief'.



NOISE CONTROL SOLUTIONS

- BUNDING.
- SCREENING AND BARRIERS.
- ACOUSTIC SILENCERS.
- ACOUSTIC ENCLOSURES
- BUILDING ENVELOPE DESIGN.
- WORKING PRACTICES.

External noise control

DELIVERING THE SOLUTIONS YOU NEED

Noise control can take many forms; from the simplest of good management practices to reduce noise impact through to more complex building designs to protect the individual from noise intrusion from the outside world.

Here at ENS Acoustics, the art of listening and understanding is the means to proposing robust and resilient (to future noise growth) solutions for the control of external noise.

adaptable solutions for your industry needs

EXTERNAL NOISE CONTROL

The imperative to redevelop our inner city landscapes invariably leads commercial and residential developments being proposed in what most would consider to be noisy environments. Busy multi-lane roads, passenger and freight rail links, existing commercial and industrial operations can all give rise to challenging noise control schemes.

However, through modern construction techniques, suitable acoustic glazing and ventilation strategies, the external noise can be controlled and good levels of internal building amenity can be achieved.

This does not mean that buildings are sealed boxes; invariably all occupants will have the freedom to open windows as they require but when quiet is required, those windows can be closed leaving the rooms quiet and also sufficiently ventilated to provide excellent living/working conditions.



Sound insulation for all

DELIVERING THE SOLUTIONS YOU NEED

No one expects to live in a sound proof box but everyone deserves at least an acceptable level of protection from noise.

Noise between dwellings is not difficult to control by design but can give consultants and engineers multiple headaches when trying to retro fit solutions to poorly constructed dwellings.

Good sound insulation doesn't cost the earth; take advice early to find out how.

SOUND INSULATION SOLUTIONS

- WALL AND FLOOR DETAILING.
- FLANKING DETAILS ASSESSED.
- REVERBERATION CONTROL.
- ISOLATION OF BUILDING SERVICES.
- ENHANCED SOUND INSULATION FOR HIGH SPECIFICATION PROPERTIES.
- COST EFFECTIVE DESIGNS.

marketable solutions meeting customer expectations

SIMPLE SOUND INSULATION

Think ahead. Does your development need to achieve any particular rating with regards to sound insulation? If built in the UK, the answer is invariably yes.

Do you want to have a finished product that goes beyond the basic requirements of Building Regulations? Will this make the product more saleable? Invariably, yes it will.

Good sound insulation could be described as being achieved through 10% construction and 90% attention to detail. Assess the building that is to provide the sound insulation; prepare the design by ensuring that all possible mechanisms for sound to 'leak' from dwelling A to dwelling B are addressed; perform the construction to the design and quality check each stage of the construction against the design.

Do not cut corners, no matter how tempting they may be; if something is wrong, fix it there and then; ensure that trademen know that 'the devil is in the detail'.

Remember, who would think that the wrong choice of screw length has the potential to ruin a perfectly designed sound insulating floor.



The very best of acoustics

Through all of the services that we deliver to our clients, our objective is to exceed your expectations for each project we work on.

We'll address all of the problems you've thought of and one or two that you might not have considered to give you the confidence to move forward with projects assured that when finished, the project will meet and exceed its 'brief' for acoustics.

ACOUSTIC CONSULTING

- PROFESSIONAL AND FRIENDLY ADVICE.
- COST EFFECTIVE SOLUTIONS.
- PROMPT RESPONSE MEETING THE NEEDS OF [YOUR BUSINESS.](#)
- TALKING YOUR LANGUAGE.
- EXCEEDING YOUR EXPECTATIONS.

dependable solutions for all your needs

STRAIGHT TALKING

Acoustic consulting relies on suitable solutions being accordingly implemented to achieve your objectives.

Baffling clients with 'techno-babble' is not our style. Our priorities are to propose and design solutions that satisfy your requirements and also ensure you can achieve your own objectives. Straight talking with clear and informative reports and designs will give you easy to understand advice at all levels within your business, from the technical director of the business through to the tradesmen on the 'shop floor'.

We will aim high and always try to exceed your expectations. Straight talking, straight forward, down to earth acoustics that deliver the goods. ENS Acoustics.



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