

ACOUSTIC testing & CONSULTANCY

Stroma's UKAS accredited testing and consultancy division offers a complete acoustic and sound insulation testing service, capable of assisting projects from design through to completion.

Our scope of services covers:

- **Acoustic Consultancy**

If involved during the early stages, our experienced acoustic consultants can liaise with the design team to ensure that compliance requirements are considered from the outset and thus achieved comfortably and economically.

- **Acoustic and Sound Insulation Testing**

Stroma carries out noise testing to meet all regulatory standards (Part E, Robust Standard Details, EcoHomes, Code for Sustainable Homes (CSH), BB93 etc.) Since our team of acoustic engineers is dispersed nationwide, we are able to keep lead times to a minimum and offer highly competitive fees.

- **Remedial Measures**

We can identify and implement the appropriate remedial measures for bringing substandard structures up to the level required for compliance.



Stroma Technology provides all the testing and consultancy required to ensure compliance with parts B, E and L of building regulations.

We are one of the leading UKAS accredited testing bodies in the UK. Irrespective of project type or size, our nationwide team of engineers can carry out the following: air leakage testing and consultancy; acoustic insulation testing; thermographic surveying and energy assessment.

“Stroma offers expertise from the initial stages of a development - typically by way of design review workshops - to ensure that the proposed construction details will meet regulatory requirements.”

Stroma
Pioneer Way
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ENVIRONMENTAL NOISE

The acquisition of planning permission for a new building project is often contingent on the impact - of both the construction site and the completed building - on noise levels in the immediate area. A common request is for an initial site survey to be carried out to ascertain the existing noise levels of a proposed construction site and determine how the completed building will affect the surrounding area.

Stroma offers:

- Measurements to confirm planning conditions and negotiations for variations
- Planning Policy Guidance assessments (PPG24, BS4142 & BB93)
- Noise measurement surveys
- Statutory noise nuisance – advice and appeals
- Measurement and prediction of transportation noise
- Construction site and demolition noise and vibration
- Advice on applicable Building Regulations and legislation

PRE-APPLICATION SITE ASSESSMENTS

Stroma can conduct pre-application measurements and site assessments, liaising with both architects and local planning and environmental health officers.

The process involves:

- taking measurements to confirm planning conditions and negotiations for variations.
- assessments under Planning Policy Guidance Note 24 (PPG24) and British Standard 4142 (BS4142).
- identifying prospective complaints that may arise from existing sites.

RESIDENTIAL DEVELOPMENTS

Where a developer is hoping to obtain planning consent for new housing, a noise assessment under Planning Policy Guidance Note 24 (PPG24) is undertaken and a report produced. This is weather dependent, but can usually be carried out within two weeks of a request. Industrial Developments

Where industrial developments are taking place, measurements and noise assessments using British Standard 4142 (BS 4142) are carried out. These are weather dependent, but can usually be carried out within two weeks of a request.

EDUCATIONAL DEVELOPMENTS

Where planning consent for an educational building is sought, Stroma can offer acoustic consultancy and assessment works in accordance with Building Bulletin 93 (BB93).

For lead times and fee structures, please contact Stroma directly on 0845 621 1111 or email info@stroma.com and we will be happy to propose an approach for meeting your requirements.

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