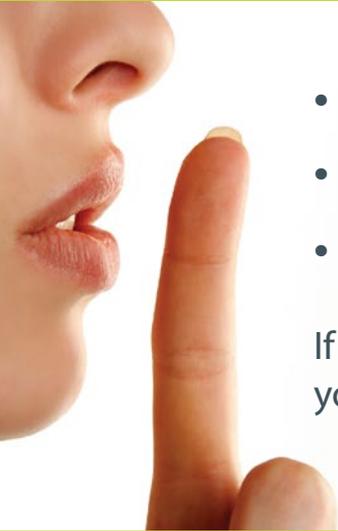


The ABC of acoustics



- Do you get **distracted** by vocal colleagues?
- Are you worried about **confidentiality** breaches?
- Do you often **mishear** conversations?

If you can answer yes to any of these questions, you will benefit from our acoustic service.

70%

of workers said they could be more productive in a less noisy environment.

ASID study

When you need help and advice on acoustic issues, Acoustic Comfort are the experts with the answers. Our consultative approach results in a balanced overall solution that improves privacy, clarity and comfort.

Acoustic Comfort will accurately diagnose what working environments require, through a thorough understanding of construction, human behaviour, people, hearing, the physics of sound, costs and available solutions.

Acoustic Comfort will offer guidance that creates the delicate balance necessary to ensure productivity and privacy are achieved throughout the overall interior design.

Acoustic Comfort will provide knowledge that stops the disappointment and devastating impact on business productivity and privacy by trying to solve the problems with products alone.

Key benefits Acoustic Comfort can bring to any working environment

- Reduced noise disruptions
- Speech privacy
- Improved productivity
- Client confidentiality
- Improved concentration
- Lower stress levels



Accreditation

Acoustic Comfort is one of 500 members of the RIBA CPD Providers Network.

72%

of office workers are dissatisfied with their speech privacy.

University of California at Berkeley study

How we solve noise issues

To achieve an effective acoustic solution, we first assess the situation and categorise the noise problem into one of three areas: lack of speech privacy, noise and concentration, or a combination of both these issues.

After understanding how a space is to be used, we undertake a gap analysis on the physics of the space and complete calculations to establish corrective actions. Armed with this information we set about specifying suitable materials and their quantum to correct the acoustic landscape.

1. Lack of speech privacy

An issue typically experienced in cellular or closed office work spaces and particularly important in sectors where consultations must remain confidential, such as human resources, medical and financial.

Sound may leak into adjoining spaces due to any of the following elements: base building design constraints, poor construction, lightweight partitions or a low building noise floor.

2. Noise and concentration

Max packed buildings with hard reflective interiors that continually reverberate sounds suffer from increased levels of noise as the staff communicate. The end result is an ineffective and less productive working environment.

In spaces where all you can hear are keyboard stokes, conversations can be heard across the space, disturbing all within listening distance.

3. Combined issues

Due to the flexibility required by today's organisations, most working environments have a mixture of these issues. From the boardroom, open plan workspaces and client meeting areas, to the staff restaurant and break out spaces, none are immune.

These agile working environments require careful design of the acoustic landscape to allow them to work effectively and not be a disaster waiting to happen.



Absorb

Capture reflected sound

A

The use of products to absorb the sound energy that hits them and reduce unwanted, reflected sound energy from hard surfaces such as glass and concrete.

Block

Stop sound travelling

B

The introduction of vertical barriers between the noise source and listener that blocks sound travelling from one to the other. The higher the barrier, the more effective the result.

Cover

Mask unwanted sound

C

Computer generated random sound that covers or masks unwanted noise and makes conversation and noise more difficult to hear and comprehend.

To learn more about suitable products and solutions call us on +44 (0) 1273 589922 and ask to speak to the acoustics team.

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