



## PERFORMANCE DOOR DESIGN: THE BASICS OF SOUND REDUCTION

Effective acoustic containment helps to improve the quality of the built environment, **preserving privacy** as well as **excluding unwanted noise**. Both a **duty of care** and **regulations** (including the recent revision of Approved Document E to the Building Regulations for England & Wales) mean it is essential to be informed of the relevant requirements, and the **implications for door assemblies**.

### The CPD seminar covers:

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The **nature of sound** – examining both **airborne** and **structural transmission** of sound

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**Regulatory requirements** and **British Standards** that relate to acoustic performance

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**Test procedures** and interpretation of **test reports**

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**Effective design** of door assemblies for acoustic performance, including **door construction** and the influence of **sealing systems**

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Design **conflicts** between **acoustic performance**, **durability** and **ease of operation** of the door

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**Independent accreditation**

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Attending this seminar will award you with 1-hour's Continual Professional Development (CPD).

If you are interested in booking this seminar, please telephone the Lorient Marketing Department on **01626 834252** or e-mail [cpd@lorientuk.co.uk](mailto:cpd@lorientuk.co.uk)