



Please be aware you are required to manage your own CPD records. We will provide you with your participation certificate and answer sheet once you have attended the full seminar.

MASTERING MATERIAL SELECTION FOR ACOUSTIC DESIGN



- 1. What is reverberation time and what is its impact on acoustic quality in an interior space?
- 2. In terms of acoustic design, what is the difference between perforated and unperforated wall and ceiling linings?
- 3. What are the key differences between common wood-based products used in interior applications, such as solid wood, veneers, plywood and MDF?
- 4. A wall or ceiling lining system must comply with the Group Number specified in Table S7C4. How are Group Numbers determined?
- 5. Explain why fibre cement is considered a sustainable material.
- 6. List at least three tools or resources that are useful when assessing a product or material's sustainability credentials.

By the end of this session you should understand:

- · Explain the importance of interior and external acoustics for commercial and non-commercial spaces
- · Outline the key principles of good acoustic design for interior and exterior spaces
- Explains the benefits and limitations of different types of acoustic materials and visual aspects for walls and ceilings
- Showcase some real-life case studies that truly tease-out the selection criteria for acoustic materials for performance Vs aesthetics Vs sustainability All while delivering on the Architects' Vision.
- · Curate a Quick Reference table that aligns the best materials to the acoustic, visual and fire-safety of the project

Competency Codes: PC24, PC28, PC31, PC33.



1 Formal CPD point

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