1 Formal CPD point



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.

The below answer sheet is for your own self-assessment. Please keep your completed questionnaires and answers on file for your record. These do not need to be sent to CPD Live. CPD-Live will send you certificate.

HOW TO ACHIEVE ESD TARGETS: SUSTAINABILITY IN ACOUSTIC SOLUTIONS

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1. Which sustainability frameworks commonly guide the selection of acoustic materials in commercial buildings?

Green Star and WELL frameworks are most commonly used. Both prioritise sustainability, occupant wellness and low-toxicity materials.

2. What are Declare[™] and GECA certifications, and why are they important in acoustic product specification?

Declare[™] discloses product ingredients to ensure material health and eliminate red-list chemicals. GECA certifies products against strict environmental, health and lifecycle criteria. Both provide assurance for ESD-aligned specifications.

3. Why is NRC (Noise Reduction Coefficient) important in product selection?

NRC quantifies how much sound a material absorbs. A higher NRC value (closer to 1.0) means better sound absorption, which is critical in environments like classrooms, hospitals and open-plan offices.

4. How can acoustic products support thermal performance in accordance with NCC Section J?

Some acoustic panels include insulating properties that contribute to the building envelope's overall thermal resistance (R-value), supporting compliance with NCC Section J energy efficiency requirements.

5. What performance evidence should specifiers request from acoustic product suppliers?

Specifiers should request lab-tested NRC ratings, fire test reports, VOC emissions data, sustainability certifications and third-party Environmental Product Declarations (EPDs) to ensure transparency and compliance.

6. List at least two modern ESG (Environmental, Social and Governance) priorities and explain how each relates to material specification in architecture.

- 1. Net-Zero Mandates: Specifiers are expected to track and reduce embodied carbon in materials, in line with NCC 2025 disclosure requirements for Class 2 buildings.
- 2. Circular Economy Strategies: Materials with recyclability, take-back programs or reuse potential, like wood-wool panels, are favoured for eligibility under Green Star circularity assessments.
- 3. Ethical Procurement: ESG policies demand ethical and transparent sourcing. FSC certification, for example, supports anti-slavery compliance and responsible forestry management.
- 4. Social Inclusion: Indigenous-owned businesses are being prioritised due to procurement frameworks like the Commonwealth Procurement Rules and the NSW Aboriginal Procurement Policy, which set minimum Indigenous participation targets.