



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.

Fire protection in wall and ceiling systems. Design principles, compliance and specification

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- 1. What are the three components of a Fire Resistance Level (FRL), and what does each represent?
- 2. Define 'non-combustible' as it applies under the NCC and provide an example of a compliant material.
- 3. Explain the difference between passive and active fire protection systems.
- 4. How does the NCC define a loadbearing wall, and how does this affect the required FRL?
- 5. What is the purpose of a smoke wall?
- 6. What is a Group Number in the context of fire protection and how is it determined for internal wall and ceiling linings?

By the end of this session you should understand:

- · Describe the main fire protection design principles and NCC/BCA requirements.
- · Describe the fire protection terminologies in buildings and required fire reports/test certificates.
- · Understand how different building materials may perform in a fire.
- Describe the testing process for fire-rated walls in lightweight construction.
 Understand how to select and specify fire-rated wall and ceiling systems.

Competency Codes: PC12, PC16, PC28, PC39.



1 Formal CPD point

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