

This CPD seminar entitles you to 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 CPD evaluation based on our attendance records post event and your completion of the below questionnaire.

**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 the AIA or to CPD Live.
CPD Live will send you a Refuel certificate.**

SAFE AND ENDURING FACADES THAT MEET DESIGN AMBITION

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- 1. Which was the event that started the conversations around non-combustibility?**
The Lacrosse Fire in 2014
- 2. Which are the two compliance pathways presented in the NCC and which is the main advantage and disadvantage of each?**
 - Performance Solution – More flexibility in the design / Higher risk
 - Deemed-to-satisfy Solution – Less flexibility in the design / Lower risk
- 3. Under a Deemed-to-Satisfy solution, which are the 3 types of constructions and which is not required to be a full non-combustible structure?**
 - Type A – Non-Combustible Structure
 - Type B – Non-Combustible Structure
 - Type C – Not required to be non-combustible – Still requires FR
- 4. Which are the two criteria to determine the type of construction?**
 - Rise in stories and/or total square meter floor area
 - Class of the building (What is it used for)
- 5. What's the difference between non-combustible and FRL?**
 - NC refers to the material and FRL is the system
 - NC tested via AS1530.1 and FRL tested via AS1530.4
 - NC ensured products doesn't contribute to fire and FRL ensures the material prevents spread of fire through the system
- 6. What are the 3 key elements that create a safe and durable facade?**
 - Fire Safe, Functional, Enduring
- 7. What is fiber-cement made of?**
 - Timber pulp
 - Cement
 - Sand
 - Water
 - Special additives
- 8. Which are the two requirements for a weather barrier (HardieWrap™) to be classified as deemed suitable for non-combustible construction?**
 - Low flammability index
 - Thickness under 1mm
- 9. Name the two tests, beside combustibility tests, that the facade systems are verified with.**
 - Weather tightness & Dampness, Thermal performance, Acoustic insulation, Bushfire Prone areas, Structural adequacy and reliability for all wind zones.
- 10. What products are currently presenting cladding and issues?**
 - It is not an ACP (aluminium composite panel) or MCP (metal composite panel)
 - Magnesium oxide (MgO) cladding
 - Expanded polystyrene (EPS), polyethylene (PE), PVC or other plastic based.