Australian Institute of Architects | Refuel

1 Formal CPD Point

CPD LIVE

Free CPD education online

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 answer sheet once you have attended the full seminar.

ALUMINIUM CORE V SOLID ALUMINIUM: FIRE SAFETY AND BEYOND

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1. What legislation deals with external cladding and fire safety in Australia? What are the two pathways to compliance?
2. Outline the compliance pathway that aluminium core panel has followed.
3. Outline the compliance pathway that solid aluminium panel has followed.
4. From a specifier's perspective, what benefits are common to aluminium core panel and solid aluminium panel?
5. How do aluminium core panel and solid aluminium panel compare in terms of thermal conductivity and heat transfer?
6. How do aluminium core panel and solid aluminium panel compare in terms of V-grooved corner durability?

At the end of this panel, attendees will be able to:

a) Outline the regulations dealing with external cladding and fire safety in Australia and explain how products achieve compliance

b) Identify the various types of aluminium cladding products and explain why each is/is not compliant with fire safety regulations

c) Identify the general benefits associated with the two types of compliant aluminium cladding, namely Aluminium Core Panel and Solid Aluminium Panel

d) Evaluate the benefits of Aluminium Core Panel and Solid Aluminium Panel individually in terms of waterproofing, durability, sustainability, and thermal transfer

e) Use your professional judgement to specify aluminum cladding that meets aspirations in terms of not only design and fire safety, but also the criteria mentioned in the previous point

AACA Competency Codes: Design: Project Briefing 1.4 | Design: Conceptual Design 3.4, 3.7 | Design: Schematic Design 4.6, 4.7 | Documentation: Detailed Design 5.3, 5.5 | Documentation: Documentation 6.5