



CPD LEARNING SESSIONS

Technical education designed to support better specification and design decisions.



Navigate Compliance with Confidence

Stay informed on evolving industry requirements, technical considerations and best-practice approaches that support compliant, well-considered design outcomes.



Design for Long-Term Performance

Build a deeper understanding of the factors that influence durability, resilience and building performance throughout the life of a building.



Create Better Building Envelopes

Explore the principles, systems and design considerations that contribute to functional, efficient and high-performing building envelopes.

Stramit's Continuous Professional Development (CPD) program offers a range of accredited presentations designed to support architects and specifiers across key areas of building design and construction. Sessions can be delivered face-to-face or online and can be tailored to align with your team's areas of interest, project types and learning objectives.

**Technical expertise.
Real-world application.**

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**CPD POINTS - 1.5**

CORROSION

BRIEF OVERVIEW

Corrosion is one of the primary factors affecting the lifespan of metal building products. This CPD provides an overview of corrosion mechanisms, environmental influences and corrosion control strategies, helping participants make informed decisions around material selection, design and maintenance to achieve durable, long-lasting outcomes.

CPD LEARNING OUTCOMES

- Understand the causes and mechanisms of corrosion in metal building products.
- Identify common forms of corrosion and the environmental conditions that contribute to them.
- Assess the impact of coastal, industrial, agricultural and other corrosive environments on material durability.
- Apply material compatibility principles to minimise corrosion risk.
- Understand the role of design, detailing and maintenance in extending service life.
- Select appropriate materials, coatings and finishes for varying levels of corrosivity and project requirements

**CPD POINTS - 1**

LONG RUN ROOFING

BRIEF OVERVIEW

Long run roofing presents unique design challenges, particularly for large roof areas such as shopping centres, warehouses and monumental buildings. This CPD provides a practical overview of the key considerations involved in designing and specifying long run metal roofing systems, including low roof pitches, long drainage lengths, penetrations and expansion joints.

CPD LEARNING OUTCOMES

- Understand the key design principles associated with long run roofing systems.
- Evaluate the impact of roof pitch, drainage length and rainfall intensity on roof performance.
- Identify common design challenges associated with large roof areas and long sheet lengths.
- Understand the influence of penetrations, expansion joints and roof-mounted services on roofing performance.
- Select appropriate roofing profiles and systems to suit project requirements.
- Apply best-practice design principles to improve durability, weatherproofing and long-term performance.



FLASHINGS

BRIEF OVERVIEW

Flashings are a critical part of the overall roofing system, helping to prevent water ingress, protect vulnerable junctions and support long-term roof performance. This CPD provides a practical overview of flashing design and installation, with a focus on how correct detailing, material selection and installation practices can influence durability, compliance and weathertightness.

CPD LEARNING OUTCOMES

- Understand the critical role flashings play in the performance of metal roofing systems.
- Identify common flashing types and their applications within roof and wall systems.
- Recognise the importance of material compatibility and corrosion considerations.
- Apply best-practice principles for flashing design, detailing and installation.
- Understand requirements relating to drainage, thermal movement and weatherproofing.
- Design flashing solutions that minimise water ingress and support long-term building performance.



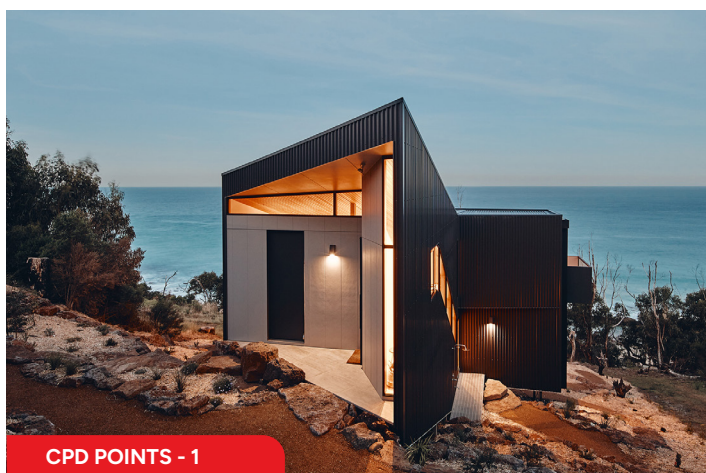
WIND LOAD AND ROOF DESIGN

BRIEF OVERVIEW

Wind loading plays a critical role in the design, performance and durability of roofing and wall cladding systems. This CPD provides an overview of the key principles of wind design in Australia, helping participants understand how wind actions influence product selection, structural design, fixing requirements and overall building performance.

CPD LEARNING OUTCOMES

- Understand the key principles of wind loading and roof design in accordance with Australian standards.
- Identify the factors that influence site-specific wind loads, including wind regions, terrain categories, topography and shielding.
- Understand the effects of wind pressure and suction on roofing and wall cladding systems.
- Recognise how wind loading influences product selection, spans, fixing requirements and structural design.
- Understand the additional design considerations for cyclonic regions.
- Interpret technical design data and testing information to support compliant and resilient roof and wall designs.
- Appreciate the common causes of wind-related failures and how they can be mitigated through appropriate design and specification.



MATERIALS, COATINGS AND PROFILES

BRIEF OVERVIEW

The selection of materials, coatings and profiles plays a critical role in the performance, durability and appearance of metal roofing and walling systems. This CPD provides an overview of the materials commonly used in steel building products, the protective coatings and finishes available, and the factors that influence their suitability for different environments and applications.

CPD LEARNING OUTCOMES

- Understand the difference between materials, coatings and finishes used in metal building products.
- Identify the key characteristics and applications of common roofing and walling materials.
- Recognise how environmental conditions influence material and coating selection.
- Understand the role of coatings and finishes in durability, corrosion resistance and aesthetics.
- Evaluate roofing and walling profile options and their suitability for different building applications.
- Consider lifecycle performance, maintenance and warranty implications when specifying materials and finishes.
- Apply best-practice principles when selecting materials, coatings and profiles to achieve durable and compliant building outcomes.



SECTION J DETAILS AND COMPLIANCE

BRIEF OVERVIEW

Energy efficiency is an increasingly important consideration in modern building design, with Section J of the National Construction Code (NCC) establishing minimum performance requirements for the building envelope. This CPD provides an overview of Section J requirements as they relate to roofing and walling systems, helping participants understand the role these elements play in achieving compliant, energy-efficient building outcomes.

CPD LEARNING OUTCOMES

- Develop a stronger understanding of energy efficiency principles and the intent of NCC Section J requirements.
- Understand the key steps involved in achieving Section J compliance.
- Recognise the roofing and walling solutions available to support compliance for different building applications.
- Understand how insulation, thermal performance and material selection contribute to energy efficiency outcomes.
- Appreciate the role of sustainability and environmentally responsible design in building performance.
- Apply key considerations when specifying roofing and walling systems to support compliant and energy-efficient building envelope design.