

# Garland UK



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since 1895

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## CPD Overview

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Garland UK provide high-performance waterproofing systems for commercial, residential, industrial and public sector assets.

Working in partnership with Architects, Surveyors and Commercial Landlords, we deliver robust, proactive & long-term waterproofing solutions for all roofing assets.

For 20 years, our dedicated Technical Managers have developed partnerships with over 4,500 schools, NHS trusts, councils and private companies across the UK, as a single point of contact to each customer.



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## Available CPD Material (8)

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Multiple formats

### Standing Seam Metal Roof Systems: Design Considerations & Specification.

This CPD gives a masterclass in metal standing seam systems, sharing insights for specifiers to maximise roof design opportunities and ensure the right system is utilised for the right application. You will be provided clear guidance on the challenges and capabilities of standing seam design and how to overcome them, including fire safety, acoustic and thermal performance, structural load and sustainable design.

By the end of this CPD, delegates should have an understanding of:

- An introduction to the typical metal roofing options available on the market.
- A detailed look into traditional standing seam roofing and modern standing seam systems.
- Standing seam opportunities, including green roofs and solar PV.
- The challenges, design considerations and capabilities of standing seam systems.
- The significant sustainability benefits that can be achieved.

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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Multiple formats

### Cutting Carbon Through Sustainable Roofing Design

The Cutting Carbon through Sustainable Roofing Design CPD explores carbon emissions during the entire lifecycle of your building project, from construction through to operational use, and provides clear guidance on how sustainable roofing design can play a pivotal role in reducing emissions and support your key environmental initiatives.

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Sustainable architecture**

Knowledge level: General Awareness

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Multiple formats

### Avoiding Common Roof Defects

This CPD provides clear guidance on identifying and avoiding common design, application, and aesthetic roof defects on real-life roofing projects. You will be provided with techniques to survey and assess existing roof structures and the knowledge of varying waterproofing systems to ensure the longevity of a new-build roofing specification, that complies with up to date industry legislation and building regulations. By the end of the CPD you should have a greater understanding of:

- Different types of roof waterproofing systems
- How to specify the right system for the right specification
- Tools and techniques to survey and assess
- The common design, application and aesthetic roof defects
- What support you should expect from suppliers.

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



### Minimising Fire Risks within Flat Roof Construction and Safe2Torch

This CPD discusses the risks associated with flat roof design across specification and application. In particular, it addresses hot works associated with the installation of built up roofing systems. It will discuss how these risks can be reduced by implementing safe design practices; safe specification and application methods. The presentation also addresses the recent changes to regulations as a result of the Hackitt report following the Grenfell tragedy. By the end of the CPD you should have a greater understanding of:

- The risks associated with hot works
- Your responsibilities and duties under CDM 2015
- How to identify risks associated with flat roof design, construction and application in relation to fire
- The importance and message behind the NFRC Safe2Torch Campaign
- How to reduce fire risks using safe design practices, safe specification writing and application methods on-site

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Health, safety and wellbeing**

Knowledge level: Microlearning



### Liquid Roofing Using Polyurethane Technology

The history behind polyurethanes

- Learn about the history of polyurethane technology and how it was developed
- Learn about the benefits of using a liquid waterproofing systems
- Understand typical product certification, warranties and approvals
- Learn how using a liquid waterproofing can offer solutions to problems you may not of thought possible

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



### NLU - Standing Seam Metal Roofing Systems – Design Considerations & Specification

This CPD Seminar discusses Standing Seam metal roofing systems; design aspects and construction. Content covered in the seminar include:

- Typical metal roofing systems
- What is Standing Seam Metal Roofing
- Typical constructions and material choices
- Applications and basic requirements
- System benefits of Standing Seam
- Flexibility of design and building regulations

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### High Performance Modified Membranes and Flat Roofing Design

This CPD aims to provide an overview of traditional asphalt and modified bitumen membranes. It will explore the use and application methods of these roofing types, design considerations, installation practices and the Safe2Torch initiative. By the end of the seminar you should have a greater understanding of:

- Differences between traditional asphalt and modified bitumen membranes
- Health and Safety implications
- Specification considerations for ease of construction and longevity
- Factors that influence proper insulation selection
- Maintenance considerations for flat roofing

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Sustainable Roofing Design

What does sustainable design mean?

- Learn about green-roofing, different types and the benefits of these systems.
- Learn about reflective coatings/membranes and why they are used in building design.
- Understand photovoltaic technology and how it can benefit the environment and the building owner financially.
- Learn about recycled content in manufacturing and water harvesting.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Sustainable architecture**

Knowledge level: General Awareness

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## Classifications

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### Subject/Product Areas (CI/SfB)

Structure

Roofs, including beams > Roof forms

Finishes

Roof finishes > Sheet roof claddings

Roof finishes > Roofing membranes

Roof finishes > Roof finish underlays and insulation

Roof finishes > Roof joint sealants, strips and repair media

Finishes > Wall and floor, ceiling, roof coatings

Roof finishes > Roof garden systems

Special activities, requirements

Green applications, resources; sustainability > Flat roofing membranes

### RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *Microlearning*