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## CPD Overview

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SIG Design & Technology is a part of SIG Roofing, a leading division of SIG plc, a FTSE 250 listed company and one of the UK's market leading specialist suppliers to professionals in the building and construction industry. They design and supply flat roofing solutions including green roofing, zinc, copper and stainless steel roofing and cladding and pitched roof coverings including natural slate and clay tiles. They have put together an 8-step guide to identify the challenges and ensure that a roof's design meets a building's requirements. Called #PerfectRoof, the eight steps follow the process from product selection and design expertise through to full guarantees and planned maintenance. Their know-how is just part of the service that is provided absolutely free to customers. SIG Design Technology have developed two RIBA Core Curriculum approved CPDs: •A structured approach to roof specification and design •Specifying hard metals: choosing the right product for the project •Roof refurbishment: choosing the best solution Subscribe to their Roof Design Technical Blog at <http://www.singleply.co.uk/blog/> to receive useful, technical advice and information on designing flat roofs, green roofs, single ply and zinc roofs.



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## Available CPD Material (6)

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### A Structured Approach to Roof Specification and Design

The CPD seminar equips the specifier with better knowledge on roofing systems by explaining and providing guidance on:

- Defining the client's brief.
- Ensuring compliance with UK British Standards & Codes of Practice.
- Choosing the best roofing system for the job.
- Examples of when to specify single ply, hot melt, hard metals or liquid coating.
- Green roofing options.
- What support to expect from suppliers.
- Further sources of information and contacts.

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Legal, regulatory and statutory compliance**  
**Sustainable architecture**

Knowledge level: General Awareness

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### Designing and Enabling the Roof to Work Harder

This seminar provides guidance and inspiration on how to maximise the fifth elevation. It covers sustainable waterproofing, insulation, green roofing, carbon capture, energy generation, creating amenity space, providing for biodiversity, harvesting rainwater and more.

The CPD focuses on correct roof design and how to install innovative products so as to retain the integrity of the waterproofing and it makes reference to British standards and codes of practice. It compares built up and modular green roofs and discusses increasing efficiency of photovoltaic energy capture by the specification of solar reflective membranes. The CPD also offers key points on the HSE's regulations on working at height.

Material type: Online Learning

RIBA Core Curriculum: **Sustainable architecture**

Knowledge level: General Awareness

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Multiple formats

### Liquid Waterproofing: Choosing the Best Solution

This seminar looks at the roof specification and design process to ensure maximum longevity when specifying liquid waterproofing systems. It sets out a step by step process to help you arrive at the best solution, looking at how to establish the client's brief, how to ensure compliance, with advice on British Standards and Codes of Practice, and how to make the right cost decisions. Project examples show how to choose the best liquid product for your project. The CPD also addresses common problems with detailing, compatibility and interfaces, and how to avoid them. This CPD will help you to understand the following topics:

- Design considerations
- How to establish the client's brief
- How to ensure compliance with British Standards and Codes of Practice
- How to choose the best roofing system for the job
- Roofing options and when to specify liquid waterproofing solutions
- Green roofing solutions
- What support to expect from suppliers
- Detailing, compatibility and interfaces

This CPD can be delivered to you live and remotely.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	<b>Design, construction and technology</b>
Knowledge level:	General Awareness

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Multiple formats

### Roof Refurbishment: Choosing the Best Solution

This seminar is about best practice in roof refurbishment. It will help you to understand the following topics:

- The stages of roof refurbishment
- What should be included in a roof survey
- How to assess whether you need to overlay or strip a roof
- How to choose the best roofing system for the job and when to specify bitumen, single ply or liquid coating
- How to factor out common problems when refurbishing a roof including interstitial condensation
- Roof refurbishment best practice and compliance with British Standards and relevant legislation
- What support to expect from suppliers

This CPD can be delivered to you live and remotely.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	<b>Design, construction and technology</b> <b>Legal, regulatory and statutory compliance</b>
Knowledge level:	General Awareness

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Multiple formats

### Specifying Hard Metals: Choosing the Right Product for the Project

This seminar equips the specifier with better knowledge of hard metal roofing and cladding systems. It explains and provides guidance on the following topics.

- Hard metal roof construction methods
- The range of hard metal options available and the benefits of zinc, copper and stainless steel
- Hard metal specification and defining the client's brief
- The role that the manufacturer or distributor can fulfil from the point of specification to installation and guarantee
- How to factor out common problems through best practice

This CPD can be delivered to you live and remotely.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness

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### Single-Ply Roofing - The Modern Solution

This seminar will provide knowledge on choosing a membrane option for commercial and industrial roofing.

Material type: Seminar

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

Knowledge level: General Awareness

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## Classifications

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

Finishes

Wall finishes: external > Wall cladding panels

Roof finishes > Roofing membranes

Roof finishes > Roof garden systems

General products

Paints, varnishes, protective treatments etc. > Waterproof paints, coated dp membranes

Special activities, requirements

Green applications, resources; sustainability > Flat roofing membranes

### RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*