

# SFS Group Fastening Technology Ltd



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## CPD Overview

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SFS is the world's leading manufacturer of fastening systems for the building envelope, as well as high performance door hinges and fall protection systems. Their fasteners can be locally powder-coated to complement any building design. SFS are a Swiss company with annual sales in excess of £1.1bn.



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## Available CPD Material (7)

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### Designing the Correct Roof Safety System

This seminar is about the correct specification and design of roof safety systems. It will help you to understand the following topics:

- Understand the need for roof safety and who has the design responsibility
- Understand line and post safety systems
- Understand issues around arrest or restraint systems
- Understand which aspects of the building to consider including Building Regulations, air-tightness and thermal efficiency
- Understand available design and service support and system warranties

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Health, safety and wellbeing**  
**Legal, regulatory and statutory compliance**

Knowledge level: General Awareness

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### Hinge Technology: Design, Function and Compliance

This seminar looks at hinge design and function and offers advice on correct specification. It will help you to understand the following topics:

- Understand what constitutes a secure door and the steps that should be taken to ensure compliance to PAS 024 and Secured by Design (SBD) standards
- Understand how choosing the wrong components can be detrimental in compliance with Building Regulations Part M and Part L
- Understand that aesthetics need not be compromised for the sake of performance
- Understand issues relating to the thermal efficiency of windows and doors and the out boarding of windows and doors

Material type: Seminar

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

Knowledge level: General Awareness

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### Evolution to Innovation: Fixing of Warm Roofs

Flat 'warm' roofs – the choice

- Pros and Cons
- Design and site considerations
- Mechanical fixed vs Adhered systems
- Innovation – Field fastened system
- The Details
- The Benefits
- Meaningful Warranties

Material type: Seminar

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

Knowledge level: General Awareness

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### Rainscreen Cladding Systems

This seminar is about the principles and advantages of rainscreen cladding. It will help you to understand the following topics:

- Understand design and specification considerations for rainscreen cladding
- Understand the different cladding types available
- Understand project specific calculations including the correct support system for relevant façade material
- Understand environmental factors and environmental ratings

Material type: Seminar

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

Knowledge level: General Awareness

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### Airtightness and Thermal Efficiency

This seminar will help you to:

- Gain an understanding of air-tightness issues
- Understand the commercial implications of the SBEM certificate
- Gain a detailed understanding of system specification and its impact on the energy performance of the project
- Provide cost effective system specifications

Material type: Seminar

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

Knowledge level: General Awareness

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### A Designer's Guide to Specifying Warranted 316 Austenitic Stainless Steel Fasteners and Sealants

Fastener specification is critical to the performance of roofing and cladding systems. The fastener works in close combination with sealants, so therefore the specification of the fastener and sealing products needs to be addressed at the early stages of detail design, to allow the completed envelope to perform throughout its life.

This design guide addresses the principle performance criteria of fasteners and sealants, namely durability (corrosion resistance), weathersealing, the Part L issues of airsealing and thermal bridging, aesthetics, and technical performance.

Material type: Literature

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

Knowledge level: General Awareness

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### Combating Condensation by Outboarding Windows

Upgrading a building with External Wall Insulation (EWI) is an important steps in combating condensation within the building. However ignoring the position of the window can further exacerbate the condensation. The learning aims of this seminar are to:

- Explore the functions of a window
- Some brief facts about condensation, and its effect on our quality of life
- EWI explained
- An explanation of the importance of correct window positioning, and alignment with the EWI
- An examination of the structural issues surrounding outboarding of windows

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)

Structure

Windows: parts, accessories > Window ironmongery

Finishes

Roof finishes > Roofing membranes

General products

Fixings and fastenings, ironmongery > Fixings and fastenings

### RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*