SFS Group Fastening Technology Ltd

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CPD Overview

SFS is one of the world's leading manufacturer of carbon and stainless steel fastener components for the building envelope, as well as innovative Rainscreen sub-frame systems, high performance door hinges and award winning fall protection systems. SFS are a Swiss headquartered company with annual sales in excess of £1.5bn. Based in Leeds for over 100 years with offices in Welwyn Garden City, for more information on SFS products please visit our website to find out more at uk.sfs.com or give us a call on 0330 0555 888.

Available CPD Material (17)

Multiple formats

Rainscreen Cladding Systems

This seminar is about the principles and advantages of rainscreen cladding. It will help you to understand the following topics:
- Design and specification considerations for rainscreen cladding
- The different cladding types available
- Project specific calculations including the correct support system for relevant façade material
- Environmental factors and environmental ratings

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

Multiple formats

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:
- The need for roof safety and who has the design responsibility
- Line and post safety systems
- Issues around arrest or restraint systems
- Which aspects of the building to consider including Building Regulations, air-tightness and thermal efficiency
- Available design and service support and system warranties

This CPD can be delivered to you live and remotely.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Health, safety and wellbeing Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

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

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

Evolution to Innovation: Fixing of Warms 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

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

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

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

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

Performance of Fasteners and Seals within Roofing and Cladding Systems

This seminar aims to draw to specifiers attention the importance and functions of fasteners to enable appropriate specification at design stage.

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

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

Flat Roof Design: A Guide to Good Practice for The Attachment of Single Ply Membrane Systems

This seminar will provide:
- A detailed examination of the requirements of document part L2, from a single ply roofing perspective
- A description of thermal bridging and corrosion issues
- A comparison of mechanical fixing and chemically adhered systems
- An explanation of wind load requirements and environmental issues
- Meaningful warranties

Material type: Seminar

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

Knowledge level: General Awareness

Glass Attachment Systems

This seminar offers an awareness of and guidance for several fixing systems which can be used for "frameless" attachment of glass to structures, in and on buildings. This seminar will:
- Provide guidance on the types of bolted/clamp assemblies used to attach glass
- Enable listeners to feel confident when specifying these attachment systems
- Increase awareness of frameless glass attachment (opposed to 'in a frame' and 'on a frame' fixing)
- Assist the audience in understanding the range of applications, external and internal
- Look at design considerations for daylight in buildings
- Cover glass; what the market is and structural types
- Correct specifications and warranty
- Case studies

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

Sectional Window Hardware Fixings - Making the Right Choice

This seminar looks at the importance of fasteners used to attach hardware to casement windows.

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

Corrosion Plus - How Important are the Fasteners?

Prevention of corrosion in construction
- Prevention of corrosion in fasteners
- Design life requirements BS7453: 1992 guide to the durability of buildings
- Structural, workmanship and durability issues
- New technologies
- A review of BS-EN-ISO12944
- Meaningful warranties
- The route to specification
- Case histories

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

Glass Attachment Systems - Allowing You to Design

Design consideration - daylight in buildings
- Benefits of natural daylight
- Glass - structural types
- Glass fixings - correct specification
- Design issues/canopies, ballustrades, rain-screens and frameless glass construction
- Poor fastener design
- Warranties
- Case studies
- Technical data
- Specification support

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology

Knowledge level: General Awareness

Shedding Some Light on Photovoltaic Systems: Examining the Issues of Attachment to the Building Envelope

An explanation of alternative energy sources globally, with particular focus on Photovoltaic panels.

We examine the efficiency of PVs given the changes in Government policy and take a detailed look at feed in tariffs.

We go on to focus, and compare the various methods of securing these panels in terms of warranty versus payback.

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology
Sustainable architecture

Knowledge level: General Awareness

Structural and Corrosion Considerations of Fasteners in Roofing Cladding and Rain-screen Systems.

Aimed at Structural Engineers, Architects, and other Construction professionals.
This seminar takes a detailed look at corrosion issues.
We examine closely the assembly of Rain-screen and Façade systems, and give detailed advice on the importance of selecting the correct fastener in terms of material choice and performance.
We also give advice on the selection of metals relative to their environment, giving a detailed explanation of BS-EN-ISO 12944, Surface Protection Guide for Steelwork Exposed to Atmospheric Conditions.

The seminar also gives definitive advice on the use of fasteners in a swimming pool environment

Material type:	Seminar
RIBA Core Curriculum:	Design, construction and technology
Knowledge level:	General Awareness

Hinge Technology - Secured by Design

This seminar aims:

- To address the ignorance as to what really constitutes a secure door, the steps that should be taken to ensure compliance to PAS 024 and SBD
- To highlight how choosing the wrong components can be detrimental in compliance with Parts 'M' & 'L' of the Building Regulations
- To prove that aesthetics need not be compromised for the sake of performance
- To show the thermal efficiency of the window or door is only part of the story. Out boarding of windows and doors will become commonplace over the next few years. Cutting corners here will lead to high remedial and maintenance costs. Advise on getting this right first time.

Material type:	Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

Rainscreen Systems...What Lies Beneath: A Detailed Guide to The Fixing of Rainscreen Systems

This seminar aims to cover:

- Basic rainscreen construction and specification issues.
- The need to consider detailed structural requirements and the need for detailed specification of fastening systems.
- Innovative fastening systems, and ongoing issues regarding meaningful warranties.

Material type:	Seminar
RIBA Core Curriculum:	Design, construction and technology
Knowledge level:	General Awareness

Classifications

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*

Sustainable architecture
Knowledge level: *General Awareness*