CPD Seminars

RIBA–accredited training from SFS

About SFS

SFS's Construction Division is the world's largest manufacturer and distributor of carbon and stainless steel fastening solutions for roofing, cladding and façade systems.

Additionally, SFS manufactures an award winning fall protection range, innovative rainscreen subframe systems and high quality hinges for windows and doors.

With UK headquarters in Leeds, where fasteners have been manufactured for over 100 years, SFS UK can offer architects, designers, consulting engineers and contractors a proven commitment to product quality, innovation, bespoke technical solutions and best-in-class service.

SFS produce quality products "designed for application" and as such we are able to incorporate unique safety features into our product solutions to eliminate installer error and ensure that our products are strong and durable.

Our Values

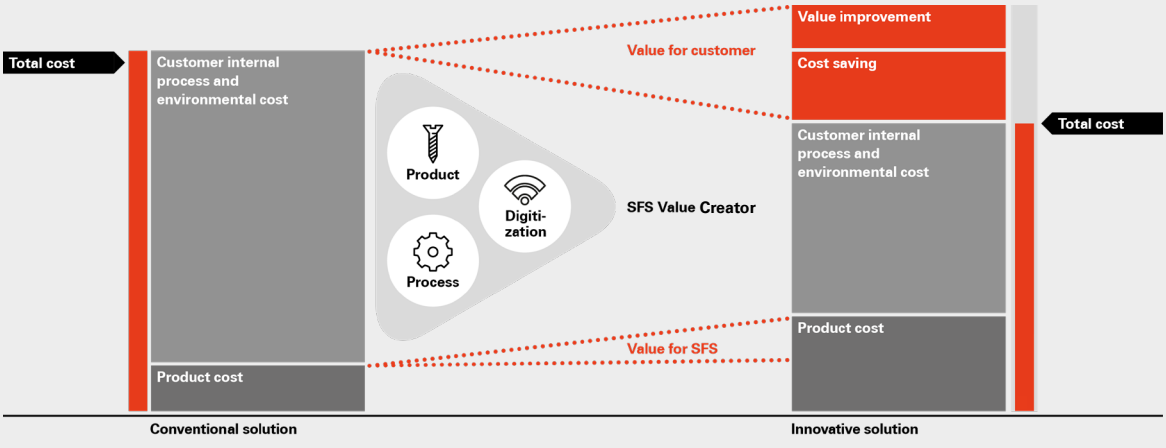
Just as your buildings are designed for the future, so are we. We're the UK's leading building envelope specialist and the product of a number of specialist companies, all united under one business, inventing success together.

This means working together across our range of fixings, securing fasteners, fall protection systems, and rainscreens, roofing and cladding – and it also means partnering with you to offer in-depth technical support and innovation that secure your buildings for the future.

Smart
We apply creativity and quality to offer cutting-edge products and services that add value for everyone.

Committed
The passion and entrepreneurialism of our team continually push back boundaries in construction.

Inventive
We never stop innovating, driven by a belief in continual improvement and an openness to new ideas.



Our CPDs

SFS are a RIBA-accredited training provider. We hold CPDs across the country for architects and specifiers on key issues within the construction sector.

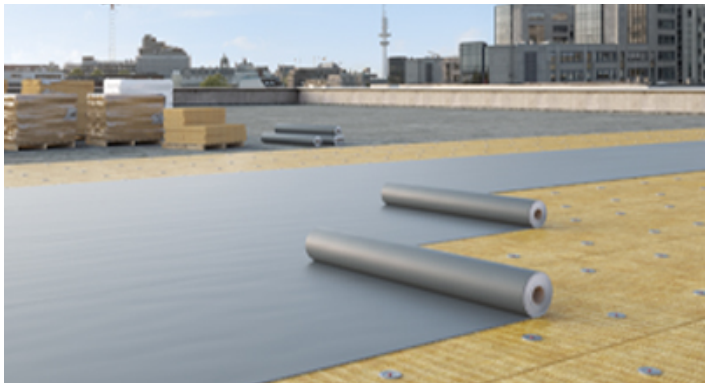
Our RIBA-approved CPD material from members of the RIBA CPD Providers Network have been rigorously assessed by RIBA and is worth double CPD points to RIBA Chartered Architects. SFS CPDs cover a range of topics housing all aspects of construction from the building envelope to fall protection systems to innovative hinge technology.

CPDs are delivered by our experienced Specification team, can take place at the Academy in Leeds or Welwyn Garden City, or similarly if you prefer at your chosen premises or virtually via our online sessions, whichever suits you best. The CPDs have been designed by specialists to develop your knowledge on key topics happening within the construction industry.

Airtightness & Thermal Efficiency

Rainscreen Cladding Systems

Designing The Correct Roof Safety System



Evolution to Innovation: Fixing of Warm Roofs

Hinge Technology: Design, Function & Compliance

Airtightness & Thermal Efficiency

This RIBA accredited CPD has been developed to provide an understanding of the principles of metal roofing and cladding systems, what advantages they bring and some key considerations when detailing these projects. It will demonstrate the important role properly designed austenitic stainless steel fasteners have in creating thermally efficient and airtight metal clad buildings.

Key Topics:

- Thermal Efficiency & Airtightness – The need for improvement
- Part L Legislation – The airtight test/the smoke test – the required performance and an overview of a building that has failed a smoke test
- Achieving Airtightness – How fasteners and sealants can assist in achieving the best results
- Corrosion Issues – The importance of R5 and A4 (316) Austenitic Stainless Steel Fasteners
- Design Life Requirements – The importance of warranted manufactured fasteners to meet system warranty requirements
- Technical Support – What a fastener manufacturer should offer in terms of correct technical support for client, designer, engineer and installer

RIBA CPD CORE CURRICULUM

Double Points

Overview

RIBA Core Curriculum	Design, Construction and Technology
Knowledge Level	General Awareness

Rainscreen Cladding Systems

This RIBA accredited CPD has been developed to provide an understanding of the principles of rainscreen cladding systems, what advantages they bring and some typical types of support system. It demonstrates key areas to consider as part of the design such as fire and thermal performance and highlight types of tools that are available to aide the specifier.

Key Topics:

- How Rainscreen systems work and the benefits it can bring to a building
- Key considerations in design of the system to provide a positive outcome
- Fire performance of these systems and the relevant standards
- Show the most common types of support systems
- Static and thermal calculation and tools to help the design process

RIBA CPD CORE CURRICULUM

Double Points

Overview

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Knowledge Level	General Awareness

Designing the correct roof safety system

This RIBA accredited CPD has been developed to provide an understanding of the safest way to work on a roofs. Predominantly focussing on horizontal safety line systems it reviews the CDM regulation changes of 2015. It demonstrates how manufacturers of work restraint systems can assist Principal Designers to help design, install and warrant the correct system for each roof build up and substrate.

Key Topics:

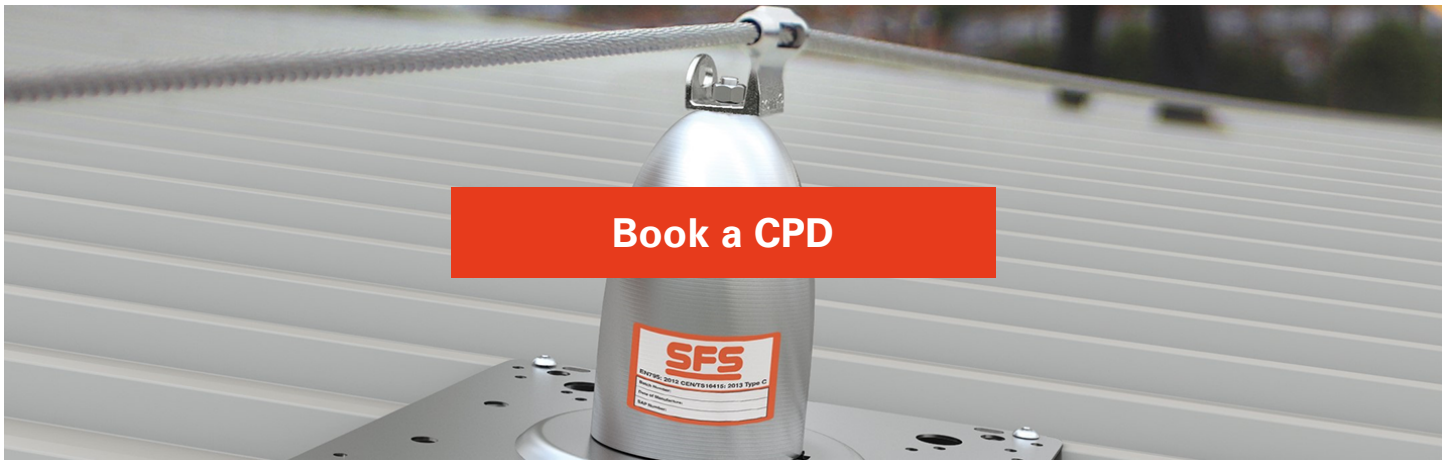
- Roof Safety – Why is there a requirement? Where does it sit with legislation?
- Who has the Design Responsibility? Where does the responsibility from a designers perspective lie, when referring to the changes to CDM in 2015
- Line & Post Systems – A brief history. Why use then in your design? On what roof systems can you use them?
- Arrest or Restraint? What's the difference? What should be the design default?
- Consider the Building – What needs to be considered on your building before designing a horizontal lifeline system?
- Design & Service Support – What should manufacturers offer to assist in designing the correct horizontal lifeline system?
- System Warranties – The importance of warranties and what should be offered

RIBA · CPD CORE CURRICULUM

Double Points

Overview

RIBA Core Curriculum	Design, Construction and Technology Health, Safety and Wellbeing Legal, Regulatory and Statutory Complaince
Knowledge Level	General Awareness



Evolution to Innovation: Fixing of Warm Roofs

This RIBA accredited CPD has been developed to provide an understanding of the best methods of fastening warm roofs. It demonstrates modern methods including induction heat welding, highlighting the most efficient and watertight solution for fixing EPDM and single ply membrane roofs.

Key Topics:

- Roof Safety – Why is there a requirement? Where does it sit with legislation?
- Who has the Design Responsibility? Where does the responsibility from a designers perspective lie, when referring to the changes to CDM in 2015
- Line & Post Systems – A brief history. Why use then in your design? On what roof systems can you use them?
- Arrest or Restraint? What's the difference? What should be the design default?
- Consider the Building – What needs to be considered on your building before designing a horizontal lifeline system?
- Design & Service Support – What should manufacturers offer to assist in designing the correct horizontal lifeline system?
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RIBA · CPD CORE CURRICULUM

Double Points

Overview

RIBA Core Curriculum	Design, Construction and Technology Health, Safety and Wellbeing Legal, Regulatory and Statutory Complaince
Knowledge Level	General Awareness

Hinge Technology: Design, Function & Compliance

This RIBA accredited CPD has been developed to provide a better understanding of the important role the hinge plays within the functionality of the door set. It reviews all the key elements of the building regulations the performance of the hinge needs to consider including Approved Document A, B, M and Q. It also emphasises that a hinge can mee all these key criteria without being detrimental to the building aesthetic.

Key Topics:

- The role of a hinge within a doorset
- Compliance with Building Regulations for internal applications
- Aesthetics – why compromise?
- Installation and maintenance
- Building life cycle into the specification
- The importance of meaningful Warranties
- Security and Secured by Design

RIBA CPD CORE CURRICULUM

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Knowledge Level	General Awareness

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