

The American Institute of Architects
Continuing Education System
AIA/CES Registered Provider Program Summary Handout

Provider:  SFS intec

Length: 1 Hour

HSW: Yes

Program #: FSFRA1

Credits: 1 LU Hour

Program Name: Fastening Systems for Flat Roofing Applications

Description:

Detailed presentation illustrating proper fastener selection for Flat Roofing Applications. Includes material selection criteria to meet project design parameters and structural requirements. Corrosion issues are also addressed and a special section includes precautionary measures designers need to be aware of when working with the newest generation of preservative treated lumber, ACQ and CA.

Learning Objectives:

The key objective is to create an awareness that fasteners, although sometimes small components in the construction project, warrant attention by all construction professionals and that if left to chance, whole system failures can occur. Specifically, upon completion of the course, attendees will:

1. Acknowledge that ignoring or improperly specifying construction fastening systems can lead to catastrophic failure of a building's critical elements, including whole roof failures.
2. Understand that proper fastener selection depends on environmental, structural and application specifics.
3. Differentiate between carbon steel and 3 stainless steels: ferritic, martensitic, and austenitic.

Method of Delivery:

The CES facilitator utilizes a PowerPoint presentation to gain an in depth understanding of proper fastener selection and its effects on building components, however, questions and answers are welcome throughout the presentation in order to achieve and reinforce the Learning Objectives. The presentation will illustrate the critical nature of these unseen elements of a building project's roofing system.

Audio/Visual Required:

Electrical power and a projection screen (or suitable wall/surface) for the PowerPoint presentation. The CES facilitator supplies the laptop and projector.

Target Audience:

Architects, Engineers, Specifiers, Roof Consultants and other construction professionals involved in commercial construction projects. Audience sizes range from 1 to 50+, depending on available accommodations.

Cost to Participants:

There is no cost to bring this program into your firm or chapter meeting.

Other Programs Available:

- Corrosion Prevention in Construction Fastening Systems
- Specifying Roofing and Cladding Fastening Systems
- Single Point Glass Fixing Technologies
- Structural Fastening Systems for Heavy Timber Construction

For more information, contact:

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