

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

Provider:  SFS intec

Length: 1 Hour

SD: Yes

Program #: CORR1

Credits: 1 LU Hour

Program Name: Corrosion Prevention in Construction Fastening Systems

Description:

Detailed review of how corrosion affects the performance of Construction Fastening Systems. Case history applications include Metal Roofing and Siding as well as Flat Roofing. 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 corrosion in construction components warrants attention by all construction professionals. Specifically, upon completion of the course, attendees will:

1. Acknowledge that corrosion of construction fastening systems can lead to catastrophic failure of a buildings critical elements.
2. Understand galvanic corrosion processes of dissimilar metals.
3. Differentiate between carbon steel and 3 stainless steels: ferritic, martensitic, and austenitic.
4. Have the ability to determine which materials are appropriate in order to achieve sustainable design goals for differing building lifecycles.

Method of Delivery:

The CES facilitator utilizes a PowerPoint presentation to gain an in depth understanding of corrosion 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 corrosion issues from actual applications in the field as well as through accelerated testing performed in the laboratory.

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.

Facilitator Qualifications:

- Earl Hernandez, Architectural Sales Representative, Southeast Region, Riverview, FL
- Point of Contact for the AIA/CES program at SFS intec, Inc. for Southeast Region and versed in CES guidelines
- Twelve years sales experience in the fastener & construction industry
- BS in Business Administration, Faulkner University, Montgomery, AL

Cost to Participants:

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

Other Programs Available:

- Specifying Roofing and Cladding Fastening Systems
- Fastening Systems for Flat Roofing Applications
- Single Point Glass Fixing Technologies
- Structural Fastening Systems for Heavy Timber Construction

For more information, contact:

SFS intec, Inc., FasteningSystems
Phone: 610-376-5751
Fax: 610-376-8551
email: us.wysales@sfsintec.biz