

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

Provider:  SFS intec

Length: 1 Hour

HSW: Yes

Program #: SFSHTC

Credits: 1 LU Hour

Program Name: Structural Fastening Systems for Heavy Timber Construction

Description:

Detailed presentation illustrating design and application of Structural Fastening Systems for Heavy Timber Construction including designs using Timber and Glu-Lam materials. Self drilling dowel pins are illustrated for wood to steel in internal plated connections that eliminate unsightly external plates and/or visible bolts. Self drilling fasteners for wood to timber connections achieve structural strength by design.

Learning Objectives:

The key objective is to create an understanding of how Structural Fasteners can be used in Heavy Timber Construction to greatly enhance the aesthetic design of many structural connections. Specifically, upon completion of the course, attendees will:

1. Understand how structural fasteners used in internally plated wood-steel connection can provide the needed strength without exposed plates and/or bolts.
2. Understand how structural fasteners connecting wood to timber can provide the needed strength for many different types of timber connections.
3. Differentiate between traditional bolted/plated/gusseted connections and those using structural fasteners.

Method of Delivery:

The CES facilitator utilizes a PowerPoint presentation to gain an in depth understanding of how various timber connections can be made with structural fasteners, however, questions and answers are welcome throughout the presentation in order to achieve and reinforce the Learning Objectives.

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, 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
- Fastening Systems for Flat Roofing Applications
- Single Point Glass Fixing Technologies

For more information, contact:

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