

The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout

Provider: Huber Engineered Woods LLC

Program#: HEW601

Program: Building Envelope Technologies for Energy Efficient Designs

Length: 1-hour

Credits: 1-SD/HSW Learning Unit

Description: An overview of present Energy Conservation Codes and Standards with emphasis on those sections affecting building envelope performance. Specific focus will be placed on air barrier technologies and components including a review of traditional methods/shortcomings and how air leakage affects thermal performance in typical wood-framed construction. Study will primarily focus on wall applications examining two approaches to improve energy efficiency and also introduce and compare three alternative product solutions to improve the building envelope.

Learning Objectives: At the end of the program, participants should have a general understanding of how changing energy conservation codes and standards are driving improvements to building envelope construction. Participants will recognize the benefits of air barrier systems, current pitfalls of traditional methods and understand the differences in flashing/sealing tape adhesives. Two primary approaches to energy efficiency in wall construction will be examined and participants will recognize the importance of a properly designed and installed air barrier system for long term performance. Participants will be introduced to three alternative energy-efficient wall sheathing solutions for modern wood-framed construction.

How Taught: The CES facilitator utilizes PowerPoint, handouts and product samples to provide an in-depth overview of what a designer should consider when specifying an energy efficient building envelope.

A/V Needed: Electrical power and screen. Notebook computer will be provided by the CES provider.

Target Audience: Designers and specifiers of wood-framed structures. A minimal amount of construction knowledge is recommended.

Facilitator Qualifications: All HEW presenters are trained in AIA/CES guidelines.

Cost: There is no cost to attend this program.

To learn more about Huber Engineered Woods' AIA Continuing Education Program, please send an email inquiry to Christina Goldblatt at christina.goldblatt@huber.com.