ADVANCED ARCHITECTURAL PRODUCTS

AIA CES Course: A2P302

Stop Throwing Building Performance Out the Window

Advanced Architectural Products is providing a new AIA CES course about the latest changes in energy codes and their impact on calculating effective U- and R-values.

This course focuses on the thermal performance of structural supports surrounding windows and will give you one (1) LU/HSW Learning Unit.

AIA Approved Continuing Education

Course Description:

In this course, participants will learn about the latest changes in energy codes and their impact on calculating effective U- and R-values. The program focuses on identifying and understanding the significance of thermal bridges in building performance, with a focus on the thermal performance of structural supports surrounding windows. Participants will acquire skills in applying thermal bridge calculations to determine these values accurately. Additionally, the course will explore practical solutions to address thermal bridging around windows, enhancing building envelope performance, and contributing to occupant health, safety, and welfare.

GreenGirt XO™
THE CONTINUOUS INSULATION SYSTEM FOR WINDOWS

Windows and openings play a significant role in the overall efficiency of a building envelope. GreenGirt XO is a structural composite metal hybrid sub-framing product used to provide a thermal break by bringing windows into alignment with the thermal plane of the continuous insulation.

Design Considerations:

GreenGirt XO addresses the decade-old issue of significant thermal loss at openings by eliminating through-wall metal, through-insulation fasteners, conductive metal angles, and inefficient wood-blocking.

Learning Objectives:

1. Participants will understand how energy codes have changed the way effective U- and R-values are calculated.
2. Participants will be able to identify which thermal bridges have the greatest impact on overall building performance.
3. Participants will be able to apply thermal bridge calculations to determine effective U- and R-values.
4. Participants will be able to identify solutions for thermal bridging to benefit the performance of windows and building envelopes while contributing to participants' health, safety, and welfare.

AIA Continuing Education Provider

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