

AIA CES Course: A2P201

Continuous Insulation Systems with Structural Composite Metal Hybrid (CMH) Sub-Framing and How It Benefits Building Envelope Design

Advanced Architectural Products is providing a new AIA CES course for Continuous Insulation Systems with Composite Metal Hybrid (CMH) Sub-Framing.

This course focuses on continuous insulation performance with composite metal hybrid (CMH) sub-framing and will give you one (1) Learning Unit towards your LU/HSW goal of twelve (12).



Approved
Continuing
Education

Course Description:

This course will introduce the learner to the latest standards, requirements, benefits, and approaches of continuous insulation (CI) systems and composite metal hybrid (CMH) sub-framing. The learner will review how CI systems with CMH sub-framing can benefit the performance and resiliency of building envelope construction while contributing to the health, safety, and welfare of project participants.

GreenGirt[®]
COMPOSITE METAL HYBRID

GreenGirt CMH Z-Girts and SMARTci systems offers the designer the ability to utilize a continuous insulation system without thermal bridging, creating wall R-values that rival that of any high performance envelope system.

SMARTci[™]
SMARTER BY DESIGN. PROVEN BY PERFORMANCE.

GreenGirt CMH Z-Girts and SMARTci systems are designed to perform at the highest level thermally, structurally, and hygrothermally specifically for each climate zone.

Design Considerations:

GreenGirt CMH Z-Girts and SMARTci systems are best utilized in wall applications as a continuous member. It can be installed over solid substrates or open framing and can accommodate most building cladding.

Learning Objectives:

1. Participants will be able to relay how continuous insulation (CI) systems with composite metal hybrid (CMH) sub-framing benefits modern building envelope design and construction.
2. Participants will be able to recognize industry preferred best practice solutions for continuous insulation systems.
3. Participants will be able to identify various CI sub-framing materials and how each impacts the building envelope system.
4. Participants will be able to identify how CMH sub-framing benefits the performance and resiliency of building envelope construction while contributing to project participants' health, safety, and welfare.