

Design & Specification of MCM in Today's Architecture

A Technically Orientated Discussion of Today's Metal Composite Material

Presented by
ALPOLIC Materials – a division of Mitsubishi Chemical America

Course Specifics

Length: 60 Min. (40-50 minute presentation)

Learning Credit Units: AIA 1.0

This course is HSW-SD Approved & ASID/IIDA 0.1 Credit Available

This presentation will cover a wide range of timely topics important to the Architect, Designer, and Spec-ifier of contemporary interior and exterior metal panels. It will provide an overview of aluminum and metal composite materials (ACM and MCM), address the attributes, basic design guidelines, attachment systems, specifications, and core considerations.

Upon completion of this course, attendees will be able to:

1. Comprehend the defining characteristics and properties of ACM/MCM.
2. Identify and discuss the sustainable qualities of ACM/MCM that can support LEED certification and result in greater building durability and healthier occupants.
3. Differentiate PE from FR Core and describe the testing protocols for ACM/MCM wall assemblies.
4. Illustrate the comprehensive range of design capabilities ACM/MCM offers.
5. Interpret standards and product specifications regarding ACM/MCM.
6. Determine and specify the appropriate components for ACM/MCM attachment system.



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