

AIA Continuing Education

METAL COMPOSITE MATERIAL (MCM) BUILDING CODE FIRE REQUIREMENTS

A technically oriented discussion of today's metal composite material, including uses and applications, with regards to code compliance and fire-safety

Course Specifics

Length: 60 minutes

Learning Credit Units: AIA 1.0

This course is HSW approved & ASID/IIDA 0.1 credit available



Course Overview

This presentation will cover topics important to the Architect, Designer, and Specifier of exterior metal composite wall panel systems regarding code compliance and fire safety requirements. It will provide an overview of metal composite materials, attachment systems and a review of the relevant sections of the International Building Code (IBC).

Learning Objectives

Upon completion of this course, participants should be able to:

- Understand the definitions of Non-combustibility
- Recognize the base elements of an exterior wall assembly
- Illustrate the characteristics of metal composite materials and their impact on the design of exterior wall assemblies
- Interpret the IBC requirements for MCM cladding
- Identify applicable Fire Testing per IBC for exterior wall assemblies, with focus on the NFPA 285
- Comprehend the role of engineering judgments and letters of equivalency

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