Aluminum Composite Material
in Multifamily Construction

Course Name:
Aluminum Composite Material in Multifamily Construction

Course Description:
This presentation summarizes Aluminum Composite Material (ACM) Fire Rated fundamentals and its use in commercial wood-framed multifamily construction. The presentation discusses the history and advantage of rainscreen in exterior cladding , the benefits of two-sided route and return systems, opportunities for customization, and design considerations necessary for installation. It also reviews the architectural and design trends for mid-rise multifamily projects in North America.

Course Number: ACM-MF 2022
Provider Name: 3A Composites
Provider Number: J561
Course Credit: 1 LU|HSW

Learning Objectives:
1. Define aluminum composite material (ACM), identify rainscreen history, and introduce two-sided route and return systems for wood-frame construction.
2. Explain the concept of a two-sided route and return system, and describe its features and benefits for multifamily construction.
3. Define opportunities for customization, understand design considerations and Installation of two-sided route and return systems.
4. Discuss architectural and design trends for Mid-Rise Multifamily construction in North America.