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THE 1ST NAME IN RAINSCREEN

ECO - Non Combustible Rainscreen Solutions - Panels and Sub-framing

Course Number – ECO - Non Comb
Provider Number – 10094719
Credit – 1 AIA CES LU/HSW
Category - Project Planning & Design

About this Course
Join ECO Cladding's AIA CES-accredited course to explore the critical factors in designing safe, healthy, and code-compliant rainscreen systems. This session will guide design professionals through the essential considerations for selecting and implementing non-combustible rainscreen panels and attachment systems to ensure fire safety, durability, and sustainability.

Prerequisite Knowledge:
Participants should have a general understanding of the rainscreen approach to wall design and a background in architecture or engineering. This course is ideal for design professionals seeking to enhance their knowledge of best practices in rainscreen system implementation.

HSW Justification:
This course qualifies for HSW credit as it directly impacts occupant health, safety, and building performance. Properly designed rainscreen systems prevent moisture infiltration, reducing mold growth and improving indoor air quality. The course emphasizes NFPA 285 compliance, ensuring architects and engineers select non-combustible materials that minimize fire risks. Additionally, it highlights the long-term durability and energy efficiency of rainscreen systems, promoting sustainable design. By understanding these key factors, participants will be equipped to create safer, healthier, and more resilient buildings.

Learning Objective 1: *Material Selection:* Explore popular non-combustible fiber cement, terracotta, and ceramic panels used in rainscreen applications.

Learning Objective 2: *Fire Safety Compliance:* Examine material properties and their impact on NFPA 285 compliance, ensuring adherence to fire safety regulations.

Learning Objective 3: *System Performance:* Understand the long-term durability and sustainability of rainscreen systems, highlighting the benefits of a fully engineered approach with non-combustible materials.

Learning Objective 4: *Case Studies:* The presentation will feature completed rainscreen installations across the USA, highlighting key design details for fire safety, durability, and performance. Case studies will demonstrate NFPA 285 compliance, material selection, and best practices in non-combustible rainscreen design. Attendees will gain insights into specifying systems that enhance both aesthetics and functionality.

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