

LUNCH PRESENTATION OPPORTUNITIES

Rainscreen Systems - Design Considerations and Material Selection (INTERRA)

Presentation Description:

An overview of today's rainscreen cladding options (terracotta, stone, porcelain, fibre cement, HPL) and design considerations such as air & water management, continuous insulation, fixing systems, thermal performance and durability.

LEARNING OBJECTIVES:

Review current air & water barrier techniques using liquid-applied STPe membranes

Understand pros and cons of various thermally-broken cladding support systems

Designing and specifying new steel framing systems for enhanced acoustical and thermal properties

Identify a number of rainscreen cladding systems and their relative cost and performance

(Non-Accredited / Product Specific)

Rain Screen Design and Function (CERACLAD)

Presentation Description:

The rain screen concept is not a new idea in modern lightweight building envelope design, but rain screens are becoming more important in the face of new codes and regulations which make it harder for building assemblies to vent moisture. This course will cover rain screen basics and beyond, including how a rain screen can be beneficial in various climates, and how the attachment system, design, and cavity depth affect the efficiency of the rain screen.

(AIA/CES / 1 HSW units)

Managing Condensation, Water Intrusion and Energy in the Real World (PROSOCO)

Presentation Description:

Window opening air and water leakage has been a difficult problem for the construction industry. This course evaluates building failures, conventional construction approaches, and new developments in waterproofing techniques to show a path forward for designers seeking higher-performing wall assemblies.

Learning Objectives:

1. Explain why job-site conditions should be used as systems engineering requirements in construction product development.
2. Compare similarities and differences between silicone, urethane, and STPE sealants.
3. Describe the multi-step weatherproofing process of conventional window installation and how such installations fare in real-world testing conditions.
4. Explain new window weatherproofing techniques using liquid flashing membranes.
5. Instruct others on construction defect remediation using STPE technology through case-study examples.

(AIA/CES - PRO014, 2 HSW/SD units, Division 4,7)

To schedule one of these presentations:

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