BECS

Building Envelope Theory and Practice

Credit Designations: 1 HSW Credit

Course Description:

Please join Building Envelope Consultants and Scientists to review wall system types to aid architects in the assessment of building envelope conditionals and how moisture is managed in each. Pro-active approaches to maintaining wall systems and re-active options to resolve problems with wall systems are reviewed. The protocol involved with leak resolution and the terminology with water infiltration problems are also reviewed, as well as several wall system forensic evaluations directly related to water infiltration. Case studies presented to review how the theory is implemented into practice.

In this session, participants will learn:

- The Interaction of Moisture & Building Envelope Systems
- How Moisture Transmission Occurs
- Factors that Influence Moisture Transmission
- How Different Building Envelope Systems Prevent Moisture Problems
- Why These Systems Typically Fail
- A Systematic Approach to Identifying & Solving Moisture Problems
- Case Studies: Using this Approach in the Real World

Learning Objective 1: Participants will learn the interaction of moisture and building envelope systems and how moisture transmissions occur.

Learning Objective 2: Participants will learn the interaction of moisture and building envelope systems and how moisture transmissions occur.

Learning Objective 3: Participants will learn how different building envelope systems can prevent moisture problems and why systems typically fail.

Learning Objective 4: Participants will review case studies and learn how to implement the theory into real-world practice.

CONTINUING EDUCATION AIA