



Constructability of Air Barriers (1.0 hours, 1.0-AIA HSW)



With the many different air barrier systems to choose from, ensuring that the entire wall section works as a system is paramount to proper wall construction. Modern buildings utilize many building envelope materials and many backup construction types, such as masonry, CFMF & sheathing, concrete, and metal panel, each with its own detailing and concerns. The air barrier installation must be coordinated with the building envelope materials and the backup construction. The review for the constructability of air barriers starts at the building design phase and goes through the construction observation phase. This presentation will identify the many different substrate conditions and critical transitions on a complex building and will give you the tools to better understand the sequencing needed to complete the installation to prevent constructability issues and potential rework in the field.

HSW Justification:

The health and welfare of the building and its occupants will depend partly on properly installing an air barrier.

Learning Objectives:

- 1. Discuss the systems and how they will be integrated into the project-specific details with other building products.*
- 2. Identify typical areas of concern with regard to installation constructability and coordination between all the trades and adjacent building components in the design through construction phases.*
- 3. Create an action plan for transition detailing and materials.*
- 4. Learn how to prevent constructability/compatibility issues before construction.*