

# The American Institute of Architects Continuing Education System

## AIA/CES Registered Provider Program Summary Handout



**Provider:** DuPont Building Innovations

**Length:** 1 hour

**Program #:** Air Barrier 1

**Credits:** 1 LU Hour

**Program:** Choices of Air Barriers for Commercial Building Enclosures

**HSW:** Yes

**SD:** Yes

### Description:

The purpose of this seminar is to briefly review the impact of air leakage on building enclosure performance and to describe different types of air barrier systems for air leakage control. The seminar is organized in two sections:

1. The first section is a brief review of air leakage impact on building enclosure performance and the importance of air leakage control.
2. The second section provides a description of the main types of air barrier *membranes* for commercial building enclosure: mechanically fastened or building wraps, fluid applied (FA), and self-adhered (SA) or peel-and-stick. Other air barrier types such as Sprayed Polyurethane Foams (SPF) will also be reviewed. A brief description, examples of products and manufacturers, typical properties, application methods, system components and advantages & limitations will be discussed for each air barrier type.

**Learning Objectives:** After attending this seminar, you will be able to understand

1. The impact of air leakage on building enclosure performance
2. Basic features of Self-Adhered air barrier systems (SA)
3. Basic features of Fluid-Applied air barrier systems (FA)
4. Basic features of Mechanically-Fastened air barrier systems (Building Wraps)
5. Basic features of Spray Polyurethane Foams (SPF) and others (e.g. Board stock) air barrier systems

**Target Audience:** Architects, Design Professionals, Specifiers, Owners, Contractors, Code Officials, Building Envelope Consultants, and Students. This program meets every experience level with time designed into the program for questions and answers.

