

Air, Water and Moisture Management in Commercial Building Envelopes

AIA/CES LEARNING UNITS

Program Description

A study of the necessity for building redundancy in commercial building envelopes (wall systems) to help reduce damage due to water intrusion and energy loss due to air infiltration.

Provider: DuPont™ Tyvek® Weatherization Systems

Length: 1 hour (2 hour version also available)

Program#: TYVEK2

Credits: 1 LU Hour (2 LU version also available)

Program: Air, Water and Moisture Management in Commercial Building Envelopes

HSW: Yes

Learning Objectives

1. Learn how to design durable wall systems for commercial construction by protecting the building envelope from damage due to air, water and moisture infiltration.
2. Understand the importance of building redundancy in the commercial building envelope, as well as the various methods currently available for protecting it.

A/V Needed

Electrical power and a screen for the presentation. The CES facilitator supplies the laptop and projector.

Target Audience

Architects, Design Professionals, Specifiers, Owners, Contractors, Code Officials, Building Envelope Consultants, and Students. This program meets every experience level and allows time for questions and answers.

Teaching Method

The CES facilitator utilizes a PowerPoint presentation to explore various wall types in commercial construction and provides an in-depth overview of how moisture infiltrates commercial wall systems and causes damage to building materials resulting in indoor air quality problems, energy loss and costly repairs. An interactive session quizzes the audience to increase the learning experience. Various water experiments and printed handouts are often provided to aid information retention. The program concludes with a review of the various methods currently available to wrap the building envelope and protect against air, water and moisture infiltration.

Instructor Qualifications

All DuPont™ Tyvek® Specialists have received in-depth training on CES guidelines and this presentation in addition to Building Science, Specifications and the overall Building Design Process.

Cost

There is no cost to bring this program to you, your firm or chapter meeting.

Please contact your local DuPont™ Tyvek® Specialist at 1-800-44-Tyvek or visit www.Construction.Tyvek.com



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